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1987 Virginia Traffic Crash Facts

Virginia Department of Motor Vehicles
Richmond, Virginia

Commissioner's Message

Dear Reader,

The Virginia Department of Motor Vehicles is pleased to present the 1987 edition of **Virginia Traffic Crash Facts.** Published annually, it provides a comprehensive view of traffic crashes and causes in Virginia and can be a valuable tool in problem identification, education and community activities.

This publication is the result of the cooperative efforts of the Virginia Department of Motor Vehicles, the Virginia State Police and Virginia Department of Transportation.

Based on a readership survey, the publication's format has been changed to make information more concise and easier to find. The **All Motor Vehicles** section has been deleted because this information is in the **Virginia Crashes** section. You will find **1987 Quick Facts,** a summary of commonly used information, directly after the glossary. New features include tables that examine driver occupation, the number of persons killed or injured by age and sex, and the number of drivers in crashes at various speeds.

I hope you will find the information useful. Any comments you may have about the information or format are welcome.

Sincerely,

Donald E. Williams

Donald E. Williams
Commissioner

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Glossary

Alcohol-related crash: Crash where either a driver, bicyclist or pedestrian is listed on the police report as drinking before the crash.

Alcohol-related fatality: Person who dies within 30 days as a result of a traffic crash involving alcohol.

Crash rate: Number of crashes per 100 million vehicle miles, unless otherwise stated.

Death rate: Number of fatalities per 100 million vehicle miles.

Fatal crash: Crash which results in one or more fatalities.

Fatality: Person who dies within 30 days as a result of a traffic crash.

Percentage: Based on "known" totals within categories or actions. Does not include "unknown" or "not stated" data.

Personal injury crash: Crash which results in no fatalities but one or more persons are injured.

Property damage crash: Crash which results in no fatalities or injuries, but there is property damage of at least $500.

Reportable traffic crash: Crash on a public highway which involves death, injury or property damage in excess of $500.

Vehicle miles: Estimated total number of miles traveled on Virginia highways.

1987 Quick Facts
About Virginia

General Facts

- 1,022 persons were killed, an 8.6 percent decrease from 1986.
- 80,114 persons were injured, a 1.2 percent increase from 1986.
- 145,473 traffic crashes were reported, a 3.5 percent increase from 1986.
- There were 4,070,041 licensed drivers, a 2.9 percent increase from 1986.
- There were 55,317,000,000 vehicle miles traveled, a 7.3 percent increase from 1986.
- There were 4,660,657 registered vehicles, a 3.2 percent increase from 1986.

Alcohol-Related Facts

- 418 persons were killed in alcohol-related crashes, a 15.0 percent decrease from 1986.*
- 15,014 persons were injured in alcohol-related crashes, a 5.2 percent decrease from 1986.
- 57 teenagers, aged 15–19, were killed in alcohol-related crashes, or 5.6 percent of the total (1,022) traffic fatalities.
- 2,344 teenagers, aged 15–19, were injured in alcohol-related crashes, or 2.9 percent of the total (80,114) traffic injuries.
- 40,345 persons were tested to determine blood alcohol content (BAC) of .10 percent or greater, a 2.4 percent increase from 1986.
- The average BAC of tested drinking drivers was .1641.**
- 45,400 persons were arrested for DUI, a 4.3 percent increase from 1986.
- Of those arrested for Driving Under the Influence (DUI), 88.5 percent were male and 11.5 percent were female.
- 87.9 percent of those arrested for DUI were convicted in 1986; 88.5 percent of those arrested for DUI were convicted in 1987.

NOTE: * Medical examiner data used in addition to police reports to determine alcohol-related status.
** This includes an average of both breath and blood tests.

What Happened on **Virginia Roads**

In 1987:

Months	Crashes	Fatal Crashes	Fatalities	Personal Injury Crashes	Injuries	Alcohol-Related Crashes	Alcohol-Related Fatalities	Alcohol-Related Injuries
January	10,766	57	62	3,542	5,161	1,356	19	1,003
February	10,002	53	57	3,479	5,069	1,392	28	1,120
March	10,517	63	68	3,873	5,689	1,515	34	1,223
April	12,278	72	86	4,553	6,825	1,615	38	1,313
May	12,154	79	98	4,785	7,260	1,673	53	1,437
June	12,534	75	81	4,895	7,232	1,453	29	1,197
July	11,952	86	96	4,662	6,997	1,506	35	1,174
August	12,040	88	108	4,835	7,226	1,638	44	1,403
September	12,311	82	91	4,799	7,150	1,544	32	1,296
October	13,725	101	112	5,036	7,478	1,750	47	1,351
November	13,891	78	85	4,829	7,225	1,683	21	1,235
December	13,303	72	78	4,637	6,802	1,753	38	1,262
Total	**145,473**	**906**	**1,022**	**53,925**	**80,114**	**18,878**	**418**	**15,014**

Virginia's death rate was 1.90 percent

Looking Back

- fatalities have decreased 8.60 percent over the past year
- injuries have increased 1.20 percent over the past year
- crashes have increased 3.50 percent over the past year
- Virginia's death rate has decreased 13.63 percent over the past year

On the Average

- 1 crash every 3.61 minutes
- 1 driver out of every 15.54 licensed drivers was involved in a crash
- 2.80 lives lost per day because of traffic crashes
- 219.49 persons injured per day because of traffic crashes

Speeding

	All Crashes	Alcohol-Related Crashes	Alcohol-Related Crashes Percent
Speed			
Speed Limit Exceeded	14,876	4,670	3.7
Safe Speed Exceeded	15,239	2,122	1.7
No Violation	96,937	9,052	7.1
Total	**127,052**	**15,844**	**12.5**
Not Stated	**18,421**	**3,034**	
Grand Total	**145,473**	**18,878**	

Speed of Drivers

- 2,620 drivers speeding 56–60 MPH at time of crash
- 1,246 drivers speeding 61–65 MPH at time of crash
- 667 drivers speeding 66–70 MPH at time of crash
- 683 drivers speeding over 70 MPH at time of crash

Cumulative Mileage Death Rates

	1987	1986	Percent Change
Motor Vehicle Traffic Deaths	1,022	1,118	- 8.59
Motor Vehicle Mileage Traveled (Millions)	55,317.0*	51,725.0	+ 6.49
Death Rate Per 100,000,000 Vehicle Miles	1.90	2.20	- 15.91
Fatal Crashes Rate Per 100,000,000 Vehicle Miles	1.64	1.93	- 15.03

*Data for 1987 is estimated.

Crash Vehicles

	Number	Percent
Type of Crash		
Single Vehicle	43,060	29.6
Two Vehicles	91,212	62.7
Three Vehicles	9,456	6.5
Four Vehicles	1,455	1.0
Five or More	290	0.2
Total Crashes	**145,473**	**100.0**

Important Circumstances of Crashes

	Percent Total Crashes	Percent Fatal Crashes
Driver Information, All Types of Crashes		
Driver Violated Traffic Law	98.0	61.0
Driver Violated Speed Law	15.0	26.0
Driver Drinking	13.0	22.0
Driver Defective	5.0	6.0
Pedestrian Information, Pedestrian Crashes Only		
Pedestrian Violated Law	96.0	95.0
Pedestrian Drinking	17.0	22.0
Pedestrian Defective	7.0	15.0
All Crashes		
Crashes Involving Defective Vehicle	4.0	7.0

Occupation of Driver

	All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Students	28,172	105	10,643	17,424
Housewives and Domestic Servants	10,305	36	4,098	6,171
Professional and Business	35,528	153	12,194	23,181
Craftsmen and Foremen	21,048	135	7,729	13,184
Farmers and Farm Laborers	1,173	15	410	748
Sales and Clerical	23,033	78	8,454	14,501
Salesmen	95		40	55
Other Commercial	17,212	159	6,003	11,050
Other Workers	73,816	326	27,468	46,022
Others	23,012	169	9,072	13,771
Air Corps	615	1	198	416
Navy	6,140	39	2,132	3,969
Army	1,386	3	476	907
Marines	672	5	249	418
Not Stated	19,683	133	7,417	12,133
Total Drivers	**261,890**	**1,357**	**96,583**	**163,950**

Crashes by Hour and Day

Fatal Crashes	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total Crashes
Midnight to 12:59 A.M.	4	4	1	5	6	12	14	46
1:00 A.M. to 1:59 A.M.	2	5	5	5	1	11	12	41
2:00 A.M. to 2:59 A.M.		1	3	7	5	14	12	42
3:00 A.M. to 3:59 A.M.			1		1	9	6	17
4:00 A.M. to 4:59 A.M.	6	4	2	4		4	3	23
5:00 A.M. to 5:59 A.M.	3	1	2	1	6	2	5	20
6:00 A.M. to 6:59 A.M.	3	5	4	1	2	6		21
7:00 A.M. to 7:59 A.M.	4	4	4	6	4	2	3	27
8:00 A.M. to 8:59 A.M.	4	4	4	3	2	5	1	23
9:00 A.M. to 9:59 A.M.	5	2	2	1	3	5	1	19
10:00 A.M. to 10:59 A.M.	5	5	6	3	6	1		26
11:00 A.M. to 11:59 A.M.	3	2	6	4	6	2	4	27
Noon to 12:59 P.M.	3	1	1	4	4	8	3	24
1:00 P.M.to 1:59 P.M.	7	4	7	6	8	9	2	43
2:00 P.M. to 2:59 P.M.	1	9	5	3	9	7	7	41
3:00 P.M. to 3:59 P.M.	8	4	5	11	4	7	8	47
4:00 P.M. to 4:59 P.M.	3	5	8	9	6	5	6	42
5:00 P.M. to 5:59 P.M.	7	2	7	5	5	13	5	44
6:00 P.M. to 6:59 P.M.	7	6	7	6	12	15	8	61
7:00 P.M. to 7:59 P.M.	6	4	4	6	13	8	14	55
8:00 P.M. to 8:59 P.M.	4	4	8	10	7	13	8	54
9:00 P.M. to 9:59 P.M.	5	2	6	5	12	18	4	52
10:00 P.M. to 10:59 P.M.	7	3	4	9	15	6	7	51
11:00 P.M. to 11:59 P.M.	2	3	6	10	19	9	6	55
Not Stated		1		2	1	1		5
Total Crashes	**99**	**85**	**108**	**126**	**157**	**192**	**139**	**906**

Personal Injury Crashes	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total Crashes
Midnight to 12:59 A.M.	133	135	137	161	181	419	361	1,527
1:00 A.M. to 1:59 A.M.	124	96	114	143	156	414	382	1,429
2:00 A.M. to 2:59 A.M.	92	85	75	135	141	366	353	1,247
3:00 A.M. to 3:59 A.M.	59	50	56	79	86	206	236	772
4:00 A.M. to 4:59 A.M.	43	48	44	42	59	130	160	526
5:00 A.M. to 5:59 A.M.	78	87	94	91	82	144	132	708
6:00 A.M. to 6:59 A.M.	237	224	186	251	193	120	105	1,316
7:00 A.M. to 7:59 A.M.	397	486	448	405	388	166	98	2,388
8:00 A.M. to 8:59 A.M.	385	439	429	388	412	199	95	2,347
9:00 A.M. to 9:59 A.M.	244	272	303	244	254	224	149	1,690
10:00 A.M. to 10:59 A.M.	301	305	278	272	289	288	220	1,953
11:00 A.M. to 11:59 A.M.	337	323	305	319	390	406	214	2,294
Noon to 12:59 P.M.	441	375	333	380	463	534	342	2,868
1:00 P.M.to 1:59 P.M.	373	367	360	366	440	521	343	2,770
2:00 P.M. to 2:59 P.M.	462	435	385	372	563	456	376	3,049
3:00 P.M. to 3:59 P.M.	612	568	571	585	650	538	425	3,949
4:00 P.M. to 4:59 P.M.	641	652	580	608	809	519	413	4,222
5:00 P.M. to 5:59 P.M.	636	667	670	668	855	513	454	4,463
6:00 P.M. to 6:59 P.M.	454	469	441	441	620	495	402	3,322
7:00 P.M. to 7:59 P.M.	305	338	327	351	501	446	354	2,622
8:00 P.M. to 8:59 P.M.	290	280	263	318	439	404	259	2,253
9:00 P.M. to 9:59 P.M.	240	278	262	316	408	398	300	2,202
10:00 P.M. to 10:59 P.M.	174	189	213	254	466	412	217	1,925
11:00 P.M. to 11:59 P.M.	179	174	182	221	511	432	191	1,890
Not Stated	28	18	17	20	31	42	37	193
Total Crashes	**7,265**	**7,360**	**7,073**	**7,430**	**9,387**	**8,792**	**6,618**	**53,925**

Property Damage Crashes	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total Crashes
Midnight to 12:59 A.M.	190	180	195	228	210	537	464	2,004
1:00 A.M. to 1:59 A.M.	148	123	152	196	186	520	469	1,794
2:00 A.M. to 2:59 A.M.	129	114	140	154	199	503	431	1,670
3:00 A.M. to 3:59 A.M.	89	74	62	90	102	283	280	980
4:00 A.M. to 4:59 A.M.	74	57	58	84	85	173	198	729
5:00 A.M. to 5:59 A.M.	137	126	135	150	139	211	162	1,060
6:00 A.M. to 6:59 A.M.	405	421	400	416	351	244	120	2,357
7:00 A.M. to 7:59 A.M.	756	923	898	837	805	273	129	4,621
8:00 A.M. to 8:59 A.M.	761	884	896	758	794	354	146	4,593
9:00 A.M. to 9:59 A.M.	514	536	533	548	563	447	234	3,375
10:00 A.M. to 10:59 A.M.	524	540	509	514	566	604	308	3,565
11:00 A.M. to 11:59 A.M.	706	595	600	641	719	775	380	4,416
Noon to 12:59 P.M.	778	677	668	723	914	844	506	5,110
1:00 P.M.to 1:59 P.M.	713	677	639	742	868	737	512	4,888
2:00 P.M. to 2:59 P.M.	804	746	760	773	977	820	515	5,395
3:00 P.M. to 3:59 P.M.	992	1,022	1,012	1,100	1,282	814	581	6,803
4:00 P.M. to 4:59 P.M.	1,165	1,117	1,061	1,214	1,525	903	592	7,577
5:00 P.M. to 5:59 P.M.	1,167	1,184	1,149	1,244	1,522	815	643	7,724
6:00 P.M. to 6:59 P.M.	744	829	749	824	1,080	721	576	5,523
7:00 P.M. to 7:59 P.M.	464	522	540	594	815	674	467	4,076
8:00 P.M. to 8:59 P.M.	395	367	395	413	662	598	411	3,241
9:00 P.M. to 9:59 P.M.	351	397	385	427	646	553	361	3,120
10:00 P.M. to 10:59 P.M.	268	280	296	361	617	558	340	2,720
11:00 P.M. to 11:59 P.M.	236	236	290	322	654	623	262	2,623
Not Stated	91	72	65	94	104	140	112	678
Total Crashes	**12,601**	**12,699**	**12,587**	**13,447**	**16,385**	**13,724**	**9,199**	**90,642**

Total Crashes	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total Crashes
Midnight to 12:59 A.M.	327	319	333	394	397	968	839	3,577
1:00 A.M. to 1:59 A.M.	274	224	271	344	343	945	863	3,264
2:00 A.M. to 2:59 A.M.	221	200	218	296	345	883	796	2,959
3:00 A.M. to 3:59 A.M.	148	124	119	169	189	498	522	1,769
4:00 A.M. to 4:59 A.M.	123	109	104	130	144	307	361	1,278
5:00 A.M. to 5:59 A.M.	218	214	231	242	227	357	299	1,788
6:00 A.M. to 6:59 A.M.	645	650	590	668	546	370	225	3,694
7:00 A.M. to 7:59 A.M.	1,157	1,413	1,350	1,248	1,197	441	230	7,036
8:00 A.M. to 8:59 A.M.	1,150	1,327	1,329	1,149	1,208	558	242	6,963
9:00 A.M. to 9:59 A.M.	763	810	838	793	820	676	384	5,084
10:00 A.M. to 10:59 A.M.	830	850	793	789	861	893	528	5,544
11:00 A.M. to 11:59 A.M.	1,046	920	911	964	1,115	1,183	598	6,737
Noon to 12:59 P.M.	1,222	1,053	1,002	1,107	1,381	1,386	851	8,002
1:00 P.M.to 1:59 P.M.	1,093	1,048	1,006	1,114	1,316	1,267	857	7,701
2:00 P.M. to 2:59 P.M.	1,267	1,190	1,150	1,148	1,549	1,283	898	8,485
3:00 P.M. to 3:59 P.M.	1,612	1,594	1,588	1,696	1,936	1,359	1,014	10,799
4:00 P.M. to 4:59 P.M.	1,809	1,774	1,649	1,831	2,340	1,427	1,011	11,841
5:00 P.M. to 5:59 P.M.	1,810	1,853	1,826	1,917	2,382	1,341	1,102	12,231
6:00 P.M. to 6:59 P.M.	1,205	1,304	1,197	1,271	1,712	1,231	986	8,906
7:00 P.M. to 7:59 P.M.	775	864	871	951	1,329	1,128	835	6,753
8:00 P.M. to 8:59 P.M.	689	651	666	741	1,108	1,015	678	5,548
9:00 P.M. to 9:59 P.M.	596	677	653	748	1,066	969	665	5,374
10:00 P.M. to 10:59 P.M.	449	472	513	624	1,098	976	564	4,696
11:00 P.M. to 11:59 P.M.	417	413	478	553	1,184	1,064	459	4,568
Not Stated	119	91	82	116	136	183	149	876
Total Crashes	**19,965**	**20,144**	**19,768**	**21,003**	**25,929**	**22,708**	**15,956**	**145,473**

Age and Sex of Persons Killed

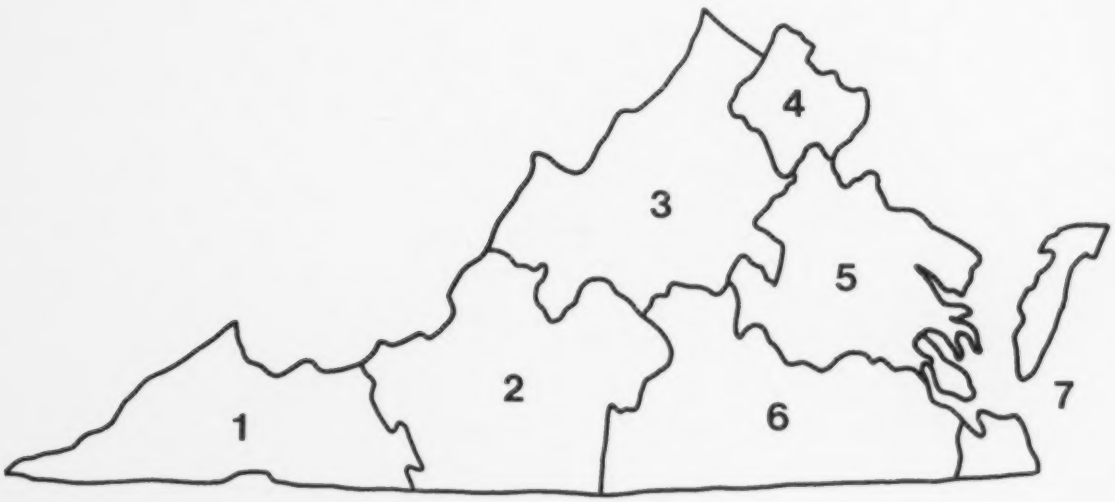
	All Persons Killed				Pedestrians Killed				Bicyclists Killed				Motorcyclists Killed			
Age	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated
Under 5	20	10	10		5	2	3									
5–9	12	5	7		3	3			2	1	1					
10–14	21	15	6		3	3			2	2						
15	6	4	2										1	1		
16	27	13	14		2	2										
17	28	21	7		1	1							1	1		
18	40	32	8		4	3	1		1	1			2	2		
19	44	37	7										3	3		
20	38	28	10		2	2							6	6		
21–25	174	143	31		17	13	4		4	4			16	15	1	
26–30	114	89	24	1	10	9	1		1			1	15	13	2	
31–35	81	59	22		8	5	3						9	8	1	
36–40	79	58	21		7	6	1		1	1			6	6		
41–45	47	34	13		6	4	2		1	1			1	1		
46–50	39	31	8		6	5	1									
51–55	38	23	15		4	2	2									
56–60	59	36	23		9	6	3									
61–65	36	27	9		4	3	1									
66–70	32	20	12		8	7	1									
Over 70	80	49	31		16	10	6									
Unknown	7	4	3		2	1	1									
Total	**1,022**	**738**	**283**	**1**	**117**	**87**	**30**		**12**	**10**	**1**	**1**	**60**	**56**	**4**	

Age and Sex of Persons Injured

	All Persons Injured				Pedestrians Injured				Bicyclists Injured				Motorcyclists Injured			
Age	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated
Under 5	1,705	871	830	4	124	78	46		9	6	3		2		1	1
5–9	2,298	1,215	1,081	2	316	218	98		189	155	32	2	13	11	2	
10–14	2,755	1,417	1,327	11	213	116	97		346	286	54	6	37	32	5	
15	1,202	555	644	3	54	34	20		78	59	18	1	35	29	6	
16	3,035	1,454	1,579	2	62	34	28		64	54	8	2	37	32	5	
17	3,328	1,719	1,607	2	44	34	10		38	28	10		72	65	7	
18	3,285	1,791	1,494		55	31	24		34	26	8		123	108	15	
19	3,333	1,886	1,447		59	40	19		31	23	8		152	133	19	
20	3,065	1,738	1,327		46	31	15		49	40	9		137	128	9	
21–25	13,955	7,837	6,117	1	246	182	64		150	125	24	1	601	549	52	
26–30	10,238	5,564	4,673	1	220	154	66		112	97	14	1	346	313	33	
31–35	7,554	3,927	3,627		145	105	40		60	51	9		216	201	15	
36–40	5,896	2,850	3,046		127	84	43		34	29	5		123	110	13	
41–45	4,138	1,956	2,182		104	67	37		16	14	2		63	58	5	
46–50	3,077	1,455	1,622		83	55	28		12	11	1		42	38	4	
51–55	2,479	1,185	1,294		67	46	21		8	6	2		30	25	5	
56–60	2,066	961	1,105		50	36	14		3	2	1		17	16	1	
61–65	1,894	839	1,055		54	30	24		10	8	2		17	14	3	
66–70	1,398	610	788		28	14	14		8	6	2		1	1		
Over 70	2,157	925	1,232		89	48	41		3	2	1		7	7		
Unknown	1,256	511	657	88	42	26	16		36	5	2	29	13	8	4	1
Total	**80,114**	**41,266**	**38,734**	**114**	**2,228**	**1,463**	**765**		**1,290**	**1,033**	**215**	**42**	**2,084**	**1,878**	**204**	**2**

What Happened in
DMV Districts in 1987

In 1987:



	DMV Districts								
	1	2	3	4	5	6	7	Not Stated/ Unknown	Total
Crashes	7,858	20,377	13,726	35,281	26,252	9,381	32,481	117	145,473
Fatalities	101	173	150	125	205	126	142		1,022
Injuries	4,714	10,716	7,253	17,065	15,801	6,621	17,894	50	80,114
Alcohol-Related Crashes	1,013	2,646	1,850	3,652	3,318	1,624	4,764	11	18,878
Alcohol-Related Fatalities	38	75	64	46	88	48	59		418
Alcohol-Related Injuries	816	2,004	1,439	2,663	2,855	1,437	3,782	18	15,014
Licensed Drivers	267,466	570,179	398,786	1,049,713	694,252	273,334	768,821	47,490	4,070,041
Death Rate Per Drivers*	0.37	0.30	0.37	0.11	0.29	0.46	0.18		

NOTE: Total figure for licensed drivers includes out-of-state residents and not stated/unknown.

* Death rate per 1,000 Virginia licensed drivers.

What Happened in **Virginia Counties**

In 1987:

Jurisdiction	Total Crashes	Total Fatalities	Total Injuries	Alcohol-Related Crashes	Alcohol-Related Fatalities	Alcohol-Related Injuries	Drivers*	Death Rate Per Drivers**
Counties								
Accomack	607	10	353	115	2	78	22,706	0.44
Albemarle	1,786	19	961	220	7	207	43,894	0.43
Alleghany	267	3	197	61		67	9,989	0.30
Amelia	181	1	95	23	1	15	5,933	0.16
Amherst	675	7	391	111	4	90	18,149	0.38
Appomattox	246	8	159	32	2	23	10,737	0.74
Arlington	3,813	8	1,784	520	8	306	125,231	0.06
Augusta	1,115	24	646	138	14	114	40,866	0.58
Bath	111	5	61	26	1	15	3,773	1.32
Bedford	822	8	499	133	7	96	31,142	0.25
Bland	178	4	105	26	2	18	4,060	0.98
Botetourt	654	14	417	71	4	58	17,587	0.79
Brunswick	391	3	270	69	2	71	9,611	0.31
Buchanan	684	4	363	96	2	61	21,926	0.18
Buckingham	197	3	163	40	1	42	7,743	0.38
Campbell	987	11	594	166	6	120	33,881	0.32
Caroline	532	13	342	98	4	83	12,237	1.06
Carroll	523	11	330	64	3	64	18,369	0.59
Charles City	159	3	128	33	1	36	4,497	0.66
Charlotte	231	1	128	43		37	8,095	0.12
Chesterfield	4,706	29	2,530	540	19	412	134,144	0.21
Clarke	194	4	139	43	3	37	7,607	0.52
Craig	88	1	55	7		3	3,077	0.32
Culpeper	678	7	429	101	1	95	17,430	0.40
Cumberland	176	4	127	40	2	24	5,168	0.77
Dickenson	323	4	211	64	1	58	11,519	0.34
Dinwiddie	380	10	297	77	4	59	13,860	0.72
Essex	315	8	205	54	2	44	6,191	1.29
Fairfax	18,701	45	8,724	1,695	15	1,265	564,912	0.07
Fauquier	1,196	23	677	172	3	134	32,852	0.70
Floyd	216	10	140	46	5	35	8,192	1.22
Fluvanna	244	2	110	33	1	21	7,651	0.26
Franklin	923	14	601	125	6	113	25,586	0.54
Frederick	726	13	477	149	6	144	30,140	0.43
Giles	283	4	173	30	3	23	11,589	0.34
Gloucester	494	4	400	85	2	82	19,691	0.20
Goochland	338	4	194	50	1	37	9,228	0.43
Grayson	227		141	37		32	11,425	
Greene	206	4	140	29	1	21	6,323	0.63
Greensville	329	10	251	62	3	50	6,902	1.44
Halifax	666	15	442	111	7	104	20,141	0.74
Hanover	1,272	15	739	182	3	150	42,528	0.35
Henrico	4,553	24	2,605	496	11	435	147,671	0.16
Henry	1,231	14	714	179	6	145	41,694	0.33
Highland	59		47	12		10	1,925	
Isle of Wight	562	10	416	114	4	105	16,818	0.59
James City	475	8	352	71	2	68	21,639	0.36
King & Queen	97	6	80	24	1	29	4,294	1.39

Jurisdiction	Total			Alcohol-Related				Death Rate Per Driver**
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries	Drivers*	
Counties								
King George	367	4	260	73	2	75	8,291	0.48
King William	184	2	126	30	1	28	7,212	0.27
Lancaster	156	2	104	39	1	29	8,147	0.24
Lee	380	13	334	64	5	75	15,344	0.84
Loudoun	1,749	9	891	217	1	176	57,547	0.15
Louisa	436	7	262	74	5	57	13,299	0.52
Lunenburg	137	3	98	23	1	14	7,874	0.38
Madison	221	4	145	31	3	22	7,423	0.53
Mathews	128	1	98	23		24	6,286	0.15
Mecklenburg	577	12	423	113	4	112	18,962	0.63
Middlesex	126	2	100	33	1	36	6,357	0.31
Montgomery	1,764	3	969	221	1	193	41,058	0.07
Nelson	298		166	60		42	8,407	
New Kent	311	3	223	51		41	7,221	0.41
Northampton	272	8	205	50	3	39	8,923	0.89
Northumberland	154	9	87	29	5	27	7,896	1.13
Nottoway	223	5	111	43	2	27	9,390	0.53
Orange	422	11	264	52	5	49	14,332	0.76
Page	380	4	204	47	1	32	14,167	0.28
Patrick	392	3	247	60		70	11,791	0.25
Pittsylvania	1,227	26	778	184	11	171	44,544	0.58
Powhatan	278	1	140	43	1	29	9,038	0.11
Prince Edward	381	4	258	54	2	41	9,623	0.41
Prince George	463	4	365	82	1	83	15,388	0.25
Prince William	4,280	29	2,493	565	12	464	129,585	0.22
Pulaski	760	6	477	97	4	78	23,314	0.25
Rappahannock	140	1	89	22		22	4,745	0.21
Richmond	116		62	17		12	5,265	
Roanoke	1,421	11	747	194	3	136	58,077	0.18
Rockbridge	538	10	367	103	4	98	13,073	0.76
Rockingham	1,096	9	628	141	4	117	40,019	0.22
Russell	478	6	366	64	1	58	18,632	0.32
Scott	468	4	274	57	2	48	15,884	0.25
Shenandoah	673	9	365	101	4	66	22,306	0.40
Smyth	598	8	312	78	2	53	21,911	0.36
Southampton	410	7	339	94	2	103	11,765	0.59
Spotsylvania	1,162	12	782	167	5	142	31,620	0.37
Stafford	1,167	20	715	205	7	168	33,437	0.59
Surry	164	4	137	35	2	32	4,385	0.91
Sussex	321	7	234	43	2	36	6,929	1.01
Tazewell	847	10	545	88	4	63	32,524	0.30
Warren	621	6	302	88	1	67	17,928	0.33
Washington	963	19	594	131	7	113	32,158	0.59
Westmoreland	271	4	177	68	4	60	10,645	0.37
Wise	761	9	407	109	5	81	28,720	0.31
Wythe	615	5	308	61	2	39	17,582	0.28
York	832	5	600	155	1	170	25,909	0.19
Total	**83,545**	**793**	**47,580**	**11,092**	**317**	**9,054**	**2,645,556**	

NOTE: Counts for counties include the counts for incorporated towns within those counties (not independent cities, however).

* Total figure for drivers in each locality includes only persons with Virginia licenses (whether revoked or suspended).

** Death rate per 1,000 Virginia licensed drivers in each locality.

What Happened in **Virginia Cities**

In 1987:

Jurisdiction	Total Crashes	Total Fatalities	Total Injuries	Alcohol-Related Crashes	Alcohol-Related Fatalities	Alcohol-Related Injuries	Drivers*	Death Rate Per Drivers**
Cities								
Alexandria	3,260	2	1,448	300		189	91,837	0.02
Bedford	146	1	68	17		10	3,679	0.27
Bristol	462	3	263	45	2	36	11,328	0.26
Buena Vista	89		56	8		7	4,152	
Charlottesville	1,161	7	484	144	2	76	23,180	0.30
Chesapeake	3,181	22	1,906	436	9	395	93,251	0.23
Clifton Forge	58		27	3		1	2,930	
Colonial Heights	348	2	214	31	1	43	12,511	0.15
Covington	21		10	2			5,061	
Danville	1,401	5	664	153	1	87	28,316	0.17
Emporia	110	2	66	11	2	8	2,445	0.81
Fairfax	1,309	1	523	94		59	16,250	0.06
Falls Church	265	1	107	18		19	12,152	0.08
Franklin	167	3	74	30	3	28	4,508	0.66
Fredericksburg	823	6	401	89	3	61	12,673	0.47
Galax	250		130	19		13	4,032	
Hampton	3,951	5	2,115	529	2	411	83,945	0.05
Harrisonburg	808	1	324	60		37	14,044	0.07
Hopewell	477		291	60		45	15,792	
Lexington	95		23	4			3,452	
Lynchburg	2,068	9	818	219	4	132	40,418	0.22
Manassas	641	7	373	59	7	41	15,394	0.45
Manassas Park	67		45	12		10	3,953	
Martinsville	574	3	244	60	1	30	10,343	0.29
Newport News	3,879	9	2,358	503	5	382	101,170	0.08
Norfolk	8,422	33	4,584	1,324	14	995	134,270	0.24
Norton	101	1	31	10		4	2,052	0.48
Petersburg	916	2	752	175		174	23,324	0.08
Poquoson	97		41	19		10	7,494	
Portsmouth	2,408	5	1,590	344	1	299	63,638	0.07
Radford	240	2	126	28	1	24	7,002	0.28
Richmond	7,752	25	4,812	778	12	710	131,422	0.19
Roanoke	3,275	10	1,298	392	6	245	65,987	0.15
Salem	638		303	55		54	16,036	
South Boston	170	2	97	14		5	4,045	0.49
Staunton	506		201	60		34	13,808	
Suffolk	1,404	12	973	237	2	179	32,122	0.37
Virginia Beach	8,832	45	4,142	1,289	22	1,003	227,515	0.19
Waynesboro	396	2	154	41		18	11,357	0.17
Williamsburg	316		139	40		37	6,622	
Winchester	727	1	209	63	1	31	13,485	0.07
Total	**61,811**	**229**	**32,484**	**7,775**	**101**	**5,942**	**1,376,995**	

* Total figure for drivers in each locality includes only persons with Virginia licenses (whether revoked or suspended).

** Death rate per 1,000 Virginia licensed drivers in each locality.

What Happened in
Virginia Towns

In 1987:

Jurisdiction	Total			Alcohol-Related		
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries
Towns						
Abingdon	108		39	9		5
Accomac						
Alberta	5		2	1		2
Altavista	74		24	5		2
Amherst	15		1			
Appalachia	33		15			
Appomatox	21		9			
Ashland	126	1	71	10		4
Belle Haven	2			1		
Berryville	10		1	4		1
Big Stone Gap	75		34	6		3
Blacksburg	537		241	62		35
Blackstone	43		18	9		4
Bloxom	3					
Bluefield	58		37	11		9
Boones Mill	12	1	8	1		
Bowling Green	7		6	1		2
Boyce						
Boydton	1					
Boykins	3			1		
Branchville	1		1			
Bridgewater	25		12	1		1
Broadway	11	1	9	1	1	1
Brodnax	2		5			
Brookneal	43		24	8		3
Buchanan	13	1	8	2		
Burkeville	3		1			
Cape Charles	8		5	2		1
Capron						
Cedar Bluff	24		17	1		
Charlotte Courthouse	1		1			
Chase City	43		1	5		1
Chatham	4		3	2		2
Cheriton	8		9	1		
Chilhowie	23		10	1		
Chincoteague	10		5	3		1
Christiansburg	271		157	26		22
Claremont						
Clarksville	28		6			
Cleveland	1		1	1		1
Clifton						
Clinchport						
Clintwood	28		7	3		
Clover	3		1			
Coeburn	50		17	10		5
Colonial Beach	24		13	8		3
Columbia						
Courtland	3		1	1		
Craigsville	1		2	1		2

Jurisdiction	Total			Alcohol-Related		
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries
Towns						
Crewe	24		9	2		
Culpeper	159		52	18		9
Damascus	5			1		
Dayton	6		1			
Dendron	2					
Dillwyn	1		1			
Drakes Branch	5		2	1		
Dublin	42		13	1		
Duffield	2					
Dumfries	81		53	16		16
Dungannon						
Eastville	2		4			
Edinburg	4		1			
Elkton	43		13	6		2
Exmore	16		9	3		3
Farmville	120		48	10		8
Fincastle	1					
Floyd	14		6	2		
Fries	8		1	1		
Front Royal	292	2	118	28		14
Gate City	57		21	2		1
Glade Spring	6		3			
Glasgow	4		1			
Glen Lyn	3		1	2		
Gordonsville	21		7	3		2
Goshen						
Gretna	18		6	2		
Grottoes	6		2			
Grundy	56		26	3		
Halifax	12		2	1		
Hallwood						
Hamilton						
Haymarket	5		2	1		
Haysi	10		4	2		
Herndon	302		88	24		7
Hillsboro	2					
Hillsville						
Honaker	10		8	2		1
Hurt	16		12	5		3
Independence	14		4	1		
Iron Gate	1	1				
Irvington						
Ivor	5		4	1		1
Jarratt	1					
Jonesville	20		12	1		
Keller	2	1	1			
Kenbridge	10		3	3		1
Keysville	7		3	1		1
Kilmarnock	20		15	2		6
La Crosse	4		3			
Lawrenceville	12		5	3		1
Lebanon	16		11	5		3
Leesburg	193	1	104	16		19
Louisa	15		3			
Lovettsville	2		1			
Luray	92		47	3		1
Madison	4		2			
Marion	140		79	13		10
McKenney	1					
Melfa	5		2	1		
Middleburg	18		8	2		1
Middletown	1					
Mineral	6		2			
Monterey	1					

Jurisdiction	Total			Alcohol-Related		
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries
Towns						
Montross	15		2	1		1
Mount Crawford	1		2			
Mount Jackson	22		7			
Narrows	23		10			
Nassawadox	4		10			
New Castle	1					
New Market	15		9	1		
Newsoms	4		2	3		2
Nickelsville	2		1	1		1
Occoquan	5			1		
Onancock	10		5	3		1
Onley	16		7	1		1
Orange	49		12	2		2
Painter	2		1			
Pamplin City	2		4			
Parksley	7			1		
Pearisburg	27		17			
Pembroke	15		10	1		
Pennington Gap	16		14	1		1
Phenix						
Pocahontas	5		1	1		
Port Royal	2		2			
Pound	25	1	15	5	1	3
Pulaski	156		107	19		19
Purcellville	31		22	2		1
Quantico						
Remington	4		2	1		2
Rich Creek	8		7	1		
Richlands	91		39	6		4
Ridgeway	2		2	1		2
Rocky Mount	94	2	37	8		3
Round Hill	4					
Rural Retreat	7		2			
Saint Charles						
Saint Paul	23		17	3		3
Saltville	17		17	3		3
Saxis	1			1		
Scottsburg						
Scottsville	4					
Shenandoah	15		9	1		1
Smithfield	63		27	7		6
South Hill	94	1	46	16	1	15
Stanardsville	6		1	1		
Stanley	9		3	1		1
Stephens City	8		1	1		
Stony Creek	3		1			
Strasburg	56		14	7		3
Stuart	21		14	2		
Surry	5		13	2		9
Tangier						
Tappahannock	113	1	58	5		3
Tazewell	66	1	33	7		2
The Plains						
Timberville	14		6	2		
Toms Brook						
Troutdale	1					
Troutville	3		2			
Urbanna	1			1		
Victoria	7	1	5			
Vienna	318		134	30		20
Vinton	170	1	93	18		14
Virgilina	4		1	3		1
Wachapreague	4		8	1		4
Wakefield	13		10	1		

Jurisdiction	Total			Alcohol-Related		
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries
Towns						
Warrenton	157		62	8		4
Warsaw	28		7	2		3
Washington	3	1				
Waverly	14		8	3		4
Weber City	32		16	3		
West Point	40		17	3		1
White Stone	4		3			
Windsor	9		6	1		
Wise	67		35	6		
Woodstock	79		34	7		6
Wytheville	160	1	82	21	1	19
Total	**6,003**	**19**	**2,787**	**613**	**4**	**385**

NOTE: Counts for incorporated towns are included in the counts for counties in which the towns reside.

Virginia Driving Trends

Summary: 1978-1987

	Death Rate*	Vehicles Registered	Gasoline Consumption**	Vehicular Mileage***	Total			Alcohol-Related****		
					Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries
Year										
1978	2.70	3,236,655	3,263.0	39,250	135,889	1,080	61,456	22,376	402	14,831
1979	2.60	3,434,859	3,089.0	38,478	128,805	1,014	59,313	23,008	375	15,562
1980	2.80	3,716,437	2,982.3	37,163	116,382	1,045	58,036	22,131	374	15,540
1981	2.80	3,823,055	2,924.4	36,348	117,981	1,012	59,788	23,072	393	16,457
1982	2.24	3,856,872	2,784.2	39,396	112,474	881	59,657	21,157	330	15,836
1983	2.20	3,925,593	2,861.4	41,920	113,672	900	63,284	19,694	336	15,131
1984	2.30	4,099,966	3,013.7	44,904	123,356	1,014	69,306	19,371	359	15,125
1985	2.10	4,292,749	3,123.0	47,928	133,326	980	74,585	19,381	479	14,880
1986	2.20	4,514,377	3,245.0	51,725	140,544	1,118	79,188	19,944	492	15,838
1987	1.90	4,660,657	3,457.3	55,317	145,473	1,022	80,114	18,878	418	15,014

*Per 100 million miles.
**In millions with 1987 estimated.
***In millions with 1987 mileage estimated.
****Determined using medical examiner data in addition to police reports beginning in 1985.

Deaths on Major Holidays

	Memorial Day	No. Days	4th of July	No. Days	Labor Day	No. Days	Thanks-giving	No. Days	Christmas	No. Days	New Years*	No. Days
Year												
1978	17	3	23	4	21	3	23	4	18	3	8	3
1979	11	3	7	1	14	3	15	4	15	4	16	4
1980	12	3	15	3	24	3	9	4	9	4	6	4
1981	18	3	12	3	7	3	12	4	9	3	7	3
1982	13	3	7	3	11	3	6	4	9	3	8	3
1983	10	3	10	4	10	4	15	4	7	3	7	3
1984	7	3	4	1	16	3	16	4	20	4	9	4
1985	9	3	10	4	9	3	11	4	6	2	2	2
1986	11	3	24	3	23	3	15	4	11	4	20	4
1987	13	3	11	3	8	3	17	4	9	4	12	4

NOTE: Deaths are for these days indicated plus the last six hours of the preceding day.
*1986 and 1987 New Years total is not comparable to previous year's data due to changes in counting procedure.

Leading Death Causes: 1986

Virginia		United States**	
Heart Disease	20,674	Heart Disease	771,169
Cancer	10,825	Cancer	461,563
Cerebrovascular Diseases	3,552	Cerebrovascular Diseases	153,050
Chronic Obstructive Pulmonary Disease	1,630	Motor Vehicle Crashes	45,901
Pneumonia & Influenza	1,592	Chronic Obstructive Pulmonary Diseases	74,662
Motor Vehicle Crashes	1,122*	Pneumonia and Influenza	67,615
Suicide	810	Diabetes Mellitus	36,969
Diabetes Mellitus	703	Suicide	29,453
Septicemia (blood disease)	533	Chronic Liver Disease and Cirrhosis	26,767
Atherosclerosis	529	Atherosclerosis	23,926

*Includes Virginians killed in traffic crashes outside the state. Source is Virginia Department of Health.
**United States' statistics are for 1985.

Monthly Crashes/Fatalities/Injuries

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1978												
Crashes												
Fatalities	60	40	88	94	85	99	101	97	106	119	90	101
Injuries												
1979												
Crashes												
Fatalities	55	51	92	77	73	92	91	104	80	103	95	101
Injuries												
1980												
Crashes												
Fatalities	76	57	60	67	101	94	102	123	93	104	83	85
Injuries												
1981												
Crashes	7,676	10,235	8,138	8,664	9,520	9,071	10,026	11,048	8,613	9,772	9,185	16,033
Fatalities	68	79	59	82	87	96	88	99	97	74	97	86
Injuries	3,546	4,888	4,043	4,644	5,085	4,856	5,403	5,876	4,581	4,988	4,505	7,373
1982												
Crashes	10,289	8,330	8,511	9,240	10,107	9,595	9,441	8,787	8,375	9,836	9,139	10,824
Fatalities	52	47	51	82	86	79	84	64	68	105	69	94
Injuries	4,021	3,967	4,267	4,806	5,678	5,209	5,597	5,201	4,883	5,485	4,830	5,713
1983												
Crashes	7,923	7,886	8,410	9,553	9,887	9,292	9,097	9,366	9,727	10,982	10,157	11,392
Fatalities	59	50	53	72	79	79	67	84	93	113	76	75
Injuries	4,061	3,795	4,455	5,278	5,846	5,537	5,550	5,601	5,794	6,024	5,346	5,997
1984												
Crashes	9,812	8,467	8,883	9,362	10,940	10,436	10,769	10,931	10,660	10,747	11,207	11,142
Fatalities	68	75	58	75	81	93	90	76	96	110	103	89
Injuries	4,799	4,537	4,874	5,185	6,347	6,133	6,556	6,567	6,081	6,266	5,924	6,037
1985												
Crashes	10,616	8,906	10,038	9,933	11,566	11,783	11,325	11,434	10,414	12,274	12,764	12,273
Fatalities	69	57	78	81	74	95	72	83	92	104	101	74
Injuries	4,992	4,484	5,511	5,717	6,819	6,770	6,882	6,934	6,165	7,042	6,499	6,770
1986												
Crashes	10,648	9,848	10,251	10,819	11,982	11,445	11,952	13,212	10,979	13,019	13,484	12,905
Fatalities	69	62	62	69	106	115	115	115	110	108	100	87
Injuries	5,533	4,935	5,883	6,224	7,069	6,863	7,397	8,025	6,415	7,175	6,974	6,695
1987												
Crashes	10,766	10,002	10,517	12,278	12,154	12,534	11,952	12,040	12,311	13,725	13,891	13,303
Fatalities	62	57	68	86	98	81	96	108	91	112	85	78
Injuries	5,161	5,069	5,689	6,825	7,260	7,232	6,997	7,226	7,150	7,478	7,225	6,802

Estimated Economic Cost: 1982-1986

	1982	1983	1984	1985	1986
Fatalities	$175.8	188.6	223.1	235.2	268.3
Injuries	477.3	544.2	644.6	686.2	855.2
Property Damage Crashes	77.6	79.9	89.4	97.8	137.5
Total Virginia Cost*	**730**	**815**	**960**	**1,020**	**1,260**
Total U.S. Cost	**$88,400**	**92,700**	**96,900**	**107,300**	**118,000**

*Rounded to nearest five millions.

NOTE: Costs are in millions. U.S. costs are based on the National Safety Council's annual cost estimates.

Virginia Crashes

In 1987 there were:

- 1,022 persons killed
- 80,114 persons injured
- 145,473 crashes
  - 906 fatal crashes
  - 53,925 personal injury crashes
  - 90,642 property damage crashes

NOTE: This includes drivers and passengers of all motor vehicles and not fully motorized vehicles as well as pedestrians.

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control	7,607	3.0
Improper Passing	2,626	1.0
Left of Center—		
Not Passing	4,274	1.7
Failure to Yield	29,395	11.6
Inattention	27,759	10.9
Speed too Fast	15,247	6.0
Improper Turn	5,311	2.1
Improper Lane Change	2,497	1.0
Following too Close	14,167	5.6
Improper Backing	1,599	0.6
Illegal or		
Improper Parking	633	0.2
Lights Not On	220	0.1
Hit and Run	6,366	2.5
Avoiding Pedestrian	283	0.1
Avoiding Other Vehicle	5,828	2.3
No Violation	110,331	43.4
Other	20,216	7.9
Total	**254,359**	**100.0**
Not Stated	**7,531**	
Grand Total	**261,890**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	230,057	92.3
Drinking-Impaired	10,643	4.3
Drinking-Not Impaired	3,668	1.5
Drinking-Impairment Unknown	4,759	1.9
Total	**249,127**	**100.0**
Not Stated	**12,763**	
Grand Total	**261,890**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	242,162	97.2
Physical Defect	1,698	0.7
Ill	480	0.2
Fatigued	1,007	0.4
Apparently Asleep	2,512	1.0
Other	1,336	0.5
Total	**249,195**	**100.0**
Not Stated	**12,695**	
Grand Total	**261,890**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15	634	152	8	794	80.7
15	320	144	1	465	69.0
16	4,715	3,421	2	8,138	58.0
17	5,819	3,803	1	9,623	60.5
18	6,114	3,537	0	9,651	63.4
19	6,589	3,370	0	9,959	66.2
20	6,176	3,288	1	9,465	65.3
21-25	30,472	16,507	3	46,982	64.9
26-30	24,178	13,218	4	37,400	64.7
31-35	18,159	10,780	3	28,942	62.7
36-40	14,568	9,221	3	23,792	61.2
41-45	10,244	6,467	4	16,715	61.3
46-50	7,661	4,459	1	12,121	63.2
51-55	6,311	3,380	1	9,692	65.1
56-60	5,482	3,050	1	8,533	64.3
61-65	4,837	2,482	0	7,319	66.1
66-70	3,582	1,876	0	5,458	65.6
Over 70	4,712	2,695	3	7,410	63.6
Unknown	308	59	9,064	9,431	
Total	**160,881**	**91,909**	**9,100**	**261,890**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	132,273	51.1
Turning Right	9,423	3.6
Turning Left	30,494	11.8
Making U-Turn	1,380	0.5
Slowing-Stopping	14,100	5.4
Ran Off Road	22,061	8.5
Stopped in Traffic	26,578	10.3
Backing	2,741	1.1
Passing	3,135	1.2
Changing Lanes	7,568	2.9
Other	9,169	3.5
Total	**258,922**	**100.0**
Not Stated	**2,968**	
Grand Total	**261,890**	

	Vehicles	Percent
Vehicle Defect		
No Defect	243,638	97.2
Lights	614	0.2
Brakes	2,174	0.9
Steering	550	0.2
Tires	1,937	0.8
Motor	618	0.2
Other	1,147	0.5
Total	**250,678**	**100.0**
Not Stated	**11,212**	
Grand Total	**261,890**	

The Environment

	Crashes	Percent
Weather		
Clear	90,616	62.5
Cloudy	26,179	18.1
Fog	910	0.6
Mist	4,214	2.9
Rain	18,932	13.1
Snow	3,080	2.1
Sleet	810	0.6
Smoke/Dust	14	
Other	138	0.1
Total	**144,893**	**100.0**
Not Stated	**580**	
Grand Total	**145,473**	

	Crashes	Percent
Light		
Dawn	3,092	2.1
Daylight	93,622	64.6
Dusk	4,389	3.0
Darkness (road lighted)	21,182	14.6
Darkness (road unlighted)	22,582	15.6
Total	**144,867**	**100.0**
Not Stated	**606**	
Grand Total	**145,473**	

	Crashes	Percent
Traffic Controls		
No Controls	31,509	21.8
Traffic Signals	23,102	16.0
Stop Sign	16,110	11.2
Slow/Warning Sign	1,447	1.0
Yield Sign	2,018	1.4
No Passing Zone	11,828	8.2
R.R. Warning Sign	83	0.1
R.R. Signals	74	0.1
R.R. Gate and Signals	43	
Other	58,087	40.3
Total	**144,301**	**100.0**
Not Stated	**1,172**	
Grand Total	**145,473**	

Virginia Fatalities

In 1987 there were:

- 1,022 persons killed in 906 fatal crashes

NOTE: This includes drivers and passengers of all motor vehicles and not fully motorized vehicles as well as pedestrians.

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control	30	2.3
Improper Passing	13	1.0
Left of Center—Not Passing	93	7.0
Failure to Yield	66	5.0
Inattention	169	12.8
Speed too Fast	289	21.8
Improper Turn	9	0.7
Improper Lane Change	6	0.5
Following too Close	5	0.4
Improper Backing	3	0.2
Illegal or Improper Parking		
Lights Not On	5	0.4
Hit and Run	18	1.4
Avoiding Pedestrian	11	0.8
Avoiding Other Vehicle	26	2.0
No Violation	449	33.9
Other	132	10.0
Total	**1,324**	**100.0**
Not Stated	**33**	
Grand Total	**1,357**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	781	70.0
Drinking-Impaired	181	16.2
Drinking-Not Impaired	17	1.5
Drinking-Impairment Unknown	136	12.2
Total	**1,115**	**100.0**
Not Stated	**242**	
Grand Total	**1,357**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	1,005	91.0
Physical Defect	13	1.2
Ill	7	0.6
Fatigued	9	0.8
Apparently Asleep	55	5.0
Other	16	1.4
Total	**1,105**	**100.0**
Not Stated	**252**	
Grand Total	**1,357**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15	6	1		7	85.7
15					
16	18	15		33	54.5
17	25	13		38	65.8
18	27	8		35	77.1
19	49	14		63	77.8
20	37	4		41	90.2
21-25	203	49		252	80.6
26-30	141	36	1	178	79.7
31-35	91	41		132	68.9
36-40	102	31	1	134	76.7
41-45	58	19	1	78	75.3
46-50	60	12		72	83.3
51-55	56	15		71	78.9
56-60	43	14		57	75.4
61-65	32	9		41	78.0
66-70	19	16		35	54.3
Over 70	45	20		65	69.2
Unknown	2	1	22	25	
Total	**1,014**	**318**	**25**	**1,357**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	731	54.2
Turning Right	7	0.5
Turning Left	55	4.1
Making U-Turn	3	0.2
Slowing-Stopping	10	0.7
Ran Off Road	398	29.5
Stopped in Traffic	36	2.7
Backing	4	0.3
Passing	27	2.0
Changing Lanes	22	1.6
Other	55	4.1
Total	**1,348**	**100.0**
Not Stated	**9**	
Grand Total	**1,357**	

	Vehicles	Percent
Vehicle Defect		
No Defect	1,181	94.6
Lights	6	0.5
Brakes	9	0.7
Steering	4	0.3
Tires	35	2.8
Motor	3	0.2
Other	11	0.9
Total	**1,249**	**100.0**
Not Stated	**108**	
Grand Total	**1,357**	

The Environment

	Crashes	Percent
Weather		
Clear	590	65.2
Cloudy	176	19.4
Fog	11	1.2
Mist	23	2.5
Rain	89	9.8
Snow	14	1.5
Sleet	1	0.1
Smoke/Dust		
Other	1	0.1
Total	**905**	**100.0**
Not Stated	**1**	
Grand Total	**906**	

	Crashes	Percent
Light		
Dawn	11	1.2
Daylight	407	45.0
Dusk	22	2.4
Darkness (road lighted)	107	11.8
Darkness (road unlighted)	358	39.6
Total	**905**	**100.0**
Not Stated	**1**	
Grand Total	**906**	

	Crashes	Percent
Traffic Controls		
No Controls	148	16.5
Traffic Signals	41	4.6
Stop Sign	48	5.3
Slow/Warning Sign	16	1.8
Yield Sign	1	0.1
No Passing Zone	188	20.9
R.R. Warning Sign	1	0.1
R.R. Signals	3	0.3
R.R. Gate and Signals	1	0.1
Other	452	50.3
Total	**899**	**100.0**
Not Stated	**7**	
Grand Total	**906**	

Virginia Crashes Involving **Alcohol**

In 1987 there were:

- 418 persons killed in alcohol-related crashes or 40.9 percent of all traffic fatalities
- 15,014 persons injured in alcohol-related crashes or 18.7 percent of all traffic injuries
- 18,878 alcohol-related crashes or 13.0 percent of all crashes
  - 378 alcohol-related fatal crashes or 41.7 percent of all fatal crashes
  - 9,854 alcohol-related personal injury crashes or 18.3 percent of all personal injury crashes
  - 8,646 alcohol-related property damage crashes or 9.5 percent of all property damage crashes

Alcohol Involvement in Fatalities and Injuries

	Fatalities	Percent of Total	Injuries	Percent of Total
All Drivers*	628		51,486	
Drinking Drivers	184	29.3	7,160	13.9
All Pedestrians*	117		2,228	
Drinking Pedestrians	29	24.8	377	16.9

NOTE: Drivers and pedestrians in alcohol-related fatal crashes are determined using available medical examiner's data as well as the police report. The term "alcohol-related" does not imply that drinking was the direct cause of the traffic crash.

*This includes all drivers and pedestrians killed or injured in crashes (alcohol-related or non-alcohol-related).

The Drinking Driver

	Drivers	Percent
Drinking Driver Action		
Ran Traffic Control	693	3.7
Improper Passing	189	1.0
Left of Center— Not Passing	743	3.9
Failure to Yield	1,069	5.7
Inattention	3,938	20.9
Speed too Fast	3,622	19.2
Improper Turn	346	1.8
Improper Lane Change	93	0.5
Following too Close	503	2.7
Improper Backing	99	0.5
Illegal or Improper Parking	36	0.2
Lights Not On	44	0.2
Hit and Run	975	5.2
Avoiding Pedestrian	30	0.2
Avoiding Other Vehicle	395	2.1
No Violation	1,604	8.5
Other	4,450	23.6
Total	**18,829**	**100.0**
Not Stated	**241**	
Grand Total	**19,070**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired		
Drinking-Impaired	10,643	55.8
Drinking-Not Impaired	3,668	19.2
Drinking-Impairment Unknown	4,759	25.0
Total	**19,070**	**100.0**
Not Stated		
Grand Total	**19,070**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	16,050	87.2
Physical Defect	354	1.9
Ill	59	0.3
Fatigued	487	2.6
Apparently Asleep	693	3.8
Other	764	4.2
Total	**18,407**	**100.0**
Not Stated	**663**	
Grand Total	**19,070**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15	12	5		17	70.6
15	26	6		32	81.3
16	152	44		196	77.6
17	294	77		371	79.2
18	591	108		699	84.5
19	745	112		857	86.9
20	796	126		922	86.3
21-25	4,480	776	1	5,257	85.2
26-30	3,184	567	1	3,752	84.9
31-35	1,990	340		2,330	85.4
36-40	1,309	233		1,542	84.9
41-45	807	137		944	85.5
46-50	548	67		615	89.1
51-55	425	57		482	88.2
56-60	299	37		336	89.0
61-65	235	19		254	92.5
66-70	132	16		148	89.2
Over 70	94	13		107	87.9
Unknown	40	4	165	209	
Total	**16,159**	**2,744**	**167**	**19,070**	

The Drinking Pedestrian

	Pedestrians	Percent
Drinking Pedestrian Action		
Crossing Against Signal	22	5.6
Crossing Not at Crosswalk	127	32.2
Crossing With Signal	10	2.5
Walking With Traffic	48	12.2
Walking Against Traffic	21	5.3
Came Onto Road Between Parked Cars	9	2.3
	10	2.5
Getting On or Off Vehicle	2	0.5
Working On Road	43	10.9
Standing or Lying On Road	103	26.1
Total	**395**	**100.0**
Not Stated	**11**	
Grand Total	**406**	

Drinking	Pedestrians	Percent
Pedestrian Condition		
Not Impaired		
Drinking-Impaired	227	55.9
Drinking-Not Impaired	20	4.9
Drinking-Impairment Unknown	159	39.2
Total	**406**	**100.0**
Not Stated		
Grand Total	**406**	

Physical	Pedestrians	Percent
Pedestrian Condition		
Not Impaired	256	72.9
Physical Defect	20	5.7
Ill	4	1.1
Fatigued	22	6.3
Apparently Asleep	2	0.6
Other	47	13.4
Total	**351**	**100.0**
Not Stated	**55**	
Grand Total	**406**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15	3	2		5	60.0
15					
16	2			2	100.0
17	5			5	100.0
18	7	4		11	63.6
19	9	3		12	75.0
20	9	2		11	81.8
21-25	74	9		83	89.2
26-30	68	9		77	88.3
31-35	36	11		47	76.6
36-40	29	4		33	87.9
41-45	23	4		27	85.2
46-50	23	2		25	92.0
51-55	19	3		22	86.4
56-60	14			14	100.0
61-65	12			12	100.0
66-70	6			6	100.0
Over 70	3			3	100.0
Unknown	8	3		11	
Total	**350**	**56**		**406**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	8,959	47.2
Turning Right	629	3.3
Turning Left	1,392	7.3
Making U-Turn	111	0.6
Slowing-Stopping	310	1.6
Ran Off Road	6,014	31.7
Stopped in Traffic	255	1.3
Backing	169	0.9
Passing	263	1.4
Changing Lanes	391	2.1
Other	497	2.6
Total	**18,990**	**100.0**
Not Stated	**80**	
Grand Total	**19,070**	

	Vehicles	Percent
Vehicle Defect		
No Defect	17,727	95.5
Lights	71	0.4
Brakes	195	1.1
Steering	95	0.5
Tires	311	1.7
Motor	31	0.2
Other	128	0.7
Total	**18,558**	**100.0**
Not Stated	**512**	
Grand Total	**19,070**	

The Environment

	Crashes	Percent
Weather		
Clear	12,237	64.9
Cloudy	3,436	18.2
Fog	149	0.8
Mist	627	3.3
Rain	2,185	11.6
Snow	164	0.9
Sleet	39	0.2
Smoke/Dust	3	
Other	20	0.1
Total	**18,860**	**100.0**
Not Stated	**12**	
Grand Total	**18,878**	

	Crashes	Percent
Light		
Dawn	203	1.1
Daylight	4,369	23.2
Dusk	528	2.8
Darkness (road lighted)	6,755	35.9
Darkness (road unlighted)	6,980	37.1
Total	**18,835**	**100.0**
Not Stated	**43**	
Grand Total	**18,878**	

	Crashes	Percent
Traffic Controls		
No Controls	5,399	28.9
Traffic Signals	2,303	12.3
Stop Sign	1,245	6.7
Slow/Warning Sign	319	1.7
Yield Sign	115	0.6
No Passing Zone	2,052	11.0
R.R. Warning Sign	14	0.1
R.R. Signals	10	0.1
R.R. Gate and Signals	9	
Other	7,246	38.7
Total	**18,712**	**100.0**
Not Stated	**166**	
Grand Total	**18,878**	

Driver Condition: Drinking by Crash Type and Age

Fatal Crashes	Not Drinking	Obviously Drunk	Ability Impaired	Not Impaired	Impairment Unknown	Not Stated	Total Drivers
Age							
Under 15	7						7
15							
16	25		2		1	5	33
17	25	3	2	2	4	2	38
18	13	6	5		4	7	35
19	37	7	4		8	7	63
20	16	6	2	1	6	10	41
21-25	115	33	12	8	39	45	252
26-30	86	14	11	3	25	39	178
31-35	78	13	2		12	27	132
36-40	76	14	7		12	25	134
41-45	46	11	8		5	8	78
46-50	56	2		1	3	10	72
51-55	50	4	3	2	6	6	71
56-60	38	1	2		5	11	57
61-65	31	3			2	5	41
66-70	28	1			1	5	35
Over 70	53	1	1		2	8	65
Unknown	1		1		1	22	25
Total Drivers	**781**	**119**	**62**	**17**	**136**	**242**	**1,357**

Personal Injury Crashes	Not Drinking	Obviously Drunk	Ability Impaired	Not Impaired	Impairment Unknown	Not Stated	Total Drivers
Age							
Under 15	604	1	1	2	8	91	707
15	234	3	4	3	6	15	265
16	2,919	21	27	19	31	39	3,056
17	3,356	34	43	38	60	51	3,582
18	3,246	85	94	82	108	66	3,681
19	3,264	117	124	91	137	64	3,797
20	3,128	133	120	108	141	59	3,689
21-25	14,520	840	583	444	848	346	17,581
26-30	11,561	675	439	327	545	250	13,797
31-35	9,340	510	236	168	311	182	10,747
36-40	7,787	325	147	122	184	129	8,694
41-45	5,466	186	100	73	125	87	6,037
46-50	4,134	110	62	38	91	50	4,485
51-55	3,313	90	51	26	53	52	3,585
56-60	2,802	75	34	29	21	38	2,999
61-65	2,521	55	21	18	22	36	2,673
66-70	1,863	38	15	10	17	24	1,967
Over 70	2,551	17	11	10	8	40	2,637
Unknown	197	23	7	11	30	2,336	2,604
Total Drivers	**82,806**	**3,338**	**2,119**	**1,619**	**2,746**	**3,955**	**96,583**

Property Damage Crashes	Not Drinking	Obviously Drunk	Ability Impaired	Not Impaired	Impairment Unknown	Not Stated	Total Drivers
Age							
Under 15	71	2		2	1	4	80
15	172	4	3	3	6	12	200
16	4,896	17	34	16	28	58	5,049
17	5,726	40	51	50	44	92	6,003
18	5,528	72	86	75	82	92	5,935
19	5,635	75	89	106	99	95	6,099
20	5,240	121	88	112	84	90	5,735
21-25	26,230	728	520	645	557	469	29,149
26-30	21,374	604	346	390	373	338	23,425
31-35	16,746	431	220	224	203	239	18,063
36-40	14,044	315	144	141	131	189	14,964
41-45	10,051	204	81	98	53	113	10,600
46-50	7,160	156	64	50	38	96	7,564
51-55	5,717	139	45	34	29	72	6,036
56-60	5,234	91	27	20	31	74	5,477
61-65	4,418	63	21	22	27	54	4,605
66-70	3,358	27	12	17	10	32	3,456
Over 70	4,601	23	8	12	14	50	4,708
Unknown	269	33	21	15	67	6,397	6,802
Total Drivers	**146,470**	**3,145**	**1,860**	**2,032**	**1,877**	**8,566**	**163,950**

All Crashes	Not Drinking	Obviously Drunk	Ability Impaired	Not Impaired	Impairment Unknown	Not Stated	Total Drivers
Age							
Under 15	682	3	1	4	9	95	794
15	406	7	7	6	12	27	465
16	7,840	38	63	35	60	102	8,138
17	9,107	77	96	90	108	145	9,623
18	8,787	163	185	157	194	165	9,651
19	8,936	199	217	197	244	166	9,959
20	8,384	260	210	221	231	159	9,465
21-25	40,865	1,601	1,115	1,097	1,444	860	46,982
26-30	33,021	1,293	796	720	943	627	37,400
31-35	26,164	954	458	392	526	448	28,942
36-40	21,907	654	298	263	327	343	23,792
41-45	15,563	401	189	171	183	208	16,715
46-50	11,350	268	126	89	132	156	12,121
51-55	9,080	233	99	62	88	130	9,692
56-60	8,074	167	63	49	57	123	8,533
61-65	6,970	121	42	40	51	95	7,319
66-70	5,249	66	27	27	28	61	5,458
Over 70	7,205	41	20	22	24	98	7,410
Unknown	467	56	29	26	98	8,755	9,431
Total Drivers	**230,057**	**6,602**	**4,041**	**3,668**	**4,759**	**12,763**	**261,890**

Age and Sex of Persons Killed

	All Persons Killed				Pedestrians Killed				Bicyclists Killed				Motorcyclists Killed			
Age	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated
Under 15	8	3	5													
15	1	1														
16	5	1	4													
17	10	7	3													
18	22	18	4		1	1			1	1			2	2		
19	19	17	2													
20	16	12	4		2	2							1	1		
21-25	97	84	13		10	9	1						6	5	1	
26-30	55	47	8		8	7	1						5	5		
31-35	39	30	9		5	4	1						3	3		
36-40	41	32	9		5	4	1						4	4		
41-45	20	16	4		2	1	1		1	1						
46-50	13	12	1		3	3										
51-55	15	11	4		2	1	1									
56-60	20	16	4		4	4										
61-65	13	11	2		1	1										
66-70	8	8			4	4										
Over 70	12	9	3		2	2										
Unknown	4	2	2													
Total	**418**	**337**	**81**		**49**	**43**	**6**		**2**	**2**			**21**	**20**	**1**	

Age and Sex of Persons Injured

	All Persons Injured				Pedestrians Injured				Bicyclists Injured				Motorcyclists Injured			
Age	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated
Under 15	554	320	233	1	15	9	6		14	10	4		4	3		1
15	163	78	84	1	2		2		3	1	1	1	2	2		
16	297	160	137		3	3			2	2			1	1		
17	464	285	179		7	7							7	5	2	
18	661	451	210		17	8	9		2	2			19	17	2	
19	759	549	210		16	12	4		3	3			24	20	4	
20	783	578	205		15	13	2		6	6			28	26	2	
21-25	3,726	2,765	960	1	92	82	10		17	15	1	1	144	128	16	
26-30	2,580	1,870	709	1	79	71	8		20	19		1	97	91	6	
31-35	1,579	1,145	434		55	43	12		11	11			39	38	1	
36-40	1,038	710	328		34	30	4		5	3	2		18	16	2	
41-45	700	471	229		33	26	7		1		1		12	11	1	
46-50	448	311	137		27	25	2		4	4			8	8		
51-55	326	223	103		23	20	3		2	2			7	6	1	
56-60	223	152	71		12	12			1	1						
61-65	208	131	77		15	14	1		1	1			2	2		
66-70	116	83	33		7	6	1		1	1						
Over 70	103	64	39		7	7										
Unknown	286	155	115	16	14	11	3		4			4	2	1	1	
Total	**15,014**	**10,501**	**4,493**	**20**	**473**	**399**	**74**		**97**	**81**	**9**	**7**	**414**	**375**	**38**	**1**

Virginia Crashes Involving **Automobiles**

In 1987 there were:

- 639 automobile occupants killed
- 50,398 automobile occupants injured
- 125,800 automobile crashes
  - 668 fatal crashes
  - 46,485 personal injury crashes
  - 78,647 property damage crashes

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control	6,037	3.2
Improper Passing	1,828	1.0
Left of Center—		
Not Passing	2,555	1.4
Failure to Yield	23,825	12.6
Inattention	20,478	10.9
Speed too Fast	11,256	6.0
Improper Turn	3,656	1.9
Improper Lane Change	1,326	0.7
Following too Close	10,614	5.6
Improper Backing	692	0.4
Illegal or		
Improper Parking	464	0.2
Lights Not On	137	0.1
Hit and Run	2,557	1.4
Avoiding Pedestrian	221	0.1
Avoiding Other Vehicle	4,102	2.2
No Violation	84,101	44.6
Other	14,550	7.7
Total	**188,399**	**100.0**
Not Stated	**4,827**	
Grand Total	**193,226**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	174,175	92.5
Drinking-Impaired	7,844	4.2
Drinking-Not Impaired	2,802	1.5
Drinking-Impairment		
Unknown	3,460	1.8
Total	**188,281**	**100.0**
Not Stated	**4,945**	
Grand Total	**193,226**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	182,747	97.1
Physical Defect	1,355	0.7
Ill	374	0.2
Fatigued	786	0.4
Apparently Asleep	1,954	1.0
Other	1,019	0.5
Total	**188,235**	**100.0**
Not Stated	**4,991**	
Grand Total	**193,226**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15	74	31		105	70.5
15	161	111		272	59.2
16	3,917	3,223		7,140	54.9
17	4,799	3,573		8,372	57.3
18	4,754	3,320		8,074	58.9
19	4,911	3,133		8,044	61.1
20	4,495	3,043		7,538	59.6
21-25	20,934	15,126	1	36,061	58.1
26-30	15,204	11,896	1	27,101	56.1
31-35	11,090	9,568	3	20,661	53.7
36-40	8,818	8,253	1	17,072	51.7
41-45	6,195	5,781	1	11,977	51.7
46-50	4,478	4,088		8,566	52.3
51-55	3,763	3,139	1	6,903	54.5
56-60	3,433	2,866		6,299	54.5
61-65	3,265	2,353		5,618	58.1
66-70	2,708	1,822		4,530	59.8
Over 70	3,801	2,646	3	6,450	59.0
Unknown	164	45	2,234	2,443	
Total	**106,964**	**84,017**	**2,245**	**193,226**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	98,650	51.3
Turning Right	6,697	3.5
Turning Left	24,361	12.7
Making U-Turn	1,003	0.5
Slowing-Stopping	10,447	5.4
Ran Off Road	16,048	8.3
Stopped in Traffic	20,416	10.6
Backing	1,327	0.7
Passing	2,048	1.1
Changing Lanes	4,715	2.5
Other	6,629	3.4
Total	**192,341**	**100.0**
Not Stated	**885**	
Grand Total	**193,226**	

	Vehicles	Percent
Vehicle Defect		
No Defect	184,842	97.6
Lights	333	0.2
Brakes	1,277	0.7
Steering	361	0.2
Tires	1,377	0.7
Motor	482	0.3
Other	675	0.4
Total	**189,347**	**100.0**
Not Stated	**3,879**	
Grand Total	**193,226**	

The Environment

	Crashes	Percent
Weather		
Clear	78,519	62.6
Cloudy	22,543	18.0
Fog	704	0.6
Mist	3,714	3.0
Rain	16,842	13.4
Snow	2,386	1.9
Sleet	685	0.5
Smoke/Dust	10	
Other	109	0.1
Total	**125,512**	**100.0**
Not Stated	**288**	
Grand Total	**125,800**	

	Crashes	Percent
Light		
Dawn	2,571	2.0
Daylight	82,622	65.8
Dusk	3,949	3.1
Darkness (road lighted)	18,497	14.7
Darkness (road unlighted)	17,905	14.3
Total	**125,544**	**100.0**
Not Stated	**256**	
Grand Total	**125,800**	

	Crashes	Percent
Traffic Controls		
No Controls	25,005	20.0
Traffic Signals	21,713	17.4
Stop Sign	14,996	12.0
Slow/Warning Sign	1,132	0.9
Yield Sign	1,898	1.5
No Passing Zone	9,606	7.7
R.R. Warning Sign	57	
R.R. Signals	53	
R.R. Gate and Signals	35	
Other	50,393	40.4
Total	**124,888**	**100.0**
Not Stated	**912**	
Grand Total	**125,800**	

Virginia Crashes Involving **Bicycles**

In 1987 there were:

- 12 bicycle riders killed in bicycle/motor vehicle crashes
- 1,290 bicycle riders injured in bicycle/motor vehicle crashes
- 1,338 bicycle/motor vehicle crashes
  - 12 fatal crashes
  - 1,279 personal injury crashes
  - 47 property damage crashes

The Bicyclist

	Riders	Percent
Bicyclist Action		
Ran Traffic Control	140	11.7
Improper Passing	26	2.2
Left of Center—Not Passing	82	6.9
Failure to Yield	207	17.3
Inattention	145	12.1
Speed too Fast	6	0.5
Improper Turn	50	4.2
Improper Lane Change	25	2.1
Following too Close	5	0.4
Improper Backing	1	0.1
Illegal or Improper Parking		
Lights Not On	29	2.4
Hit and Run	7	0.6
Avoiding Pedestrian		
Avoiding Other Vehicle	8	0.7
No Violation	329	27.5
Other	135	11.3
Total	**1,195**	**100.0**
Not Stated	**161**	
Grand Total	**1,356**	

Drinking	Riders	Percent
Bicyclist Condition		
Not Impaired	1,123	94.1
Drinking-Impaired	30	2.5
Drinking-Not Impaired	11	0.9
Drinking-Impairment Unknown	29	2.4
Total	**1,193**	**100.0**
Not Stated	**163**	
Grand Total	**1,356**	

Physical	Riders	Percent
Bicyclist Condition		
Not Impaired	1,163	98.0
Physical Defect Ill	11	0.9
Fatigued Apparently Asleep	2	0.2
Other	11	0.9
Total	**1,187**	**100.0**
Not Stated	**169**	
Grand Total	**1,356**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 5	5			5	100.0
5-9	157	33	2	192	82.6
10-14	292	51	6	349	85.1
15	56	17	1	74	76.7
16	54	8	2	64	87.1
17	29	10		39	74.4
18	28	7		35	80.0
19	24	8		32	75.0
20	42	10		52	80.8
21-25	142	24	1	167	85.5
26-30	106	13	2	121	89.1
31-35	57	9		66	86.4
36-40	32	6		38	84.2
41-45	17	2		19	89.5
46-50	12	1		13	92.3
51-55	8	4		12	66.7
56-60	3	1		4	75.0
61-65	9	2		11	81.8
66-70	6	1		7	85.7
Over 70	4	1		5	80.0
Unknown	7	3	41	51	
Total	**1,090**	**211**	**55**	**1,356**	

The Bicycle

	Bicycles	Percent
Bicycle Action		
Going Straight	806	65.3
Turning Right	48	3.9
Turning Left	132	10.7
Making U-Turn	13	1.1
Slowing-Stopping	20	1.6
Ran Off Road	10	0.8
Stopped in Traffic	10	0.8
Backing	2	0.2
Passing	18	1.5
Changing Lanes	41	3.3
Other	134	10.9
Total	**1,234**	**100.0**
Not Stated	**122**	
Grand Total	**1,356**	

	Bicycles	Percent
Bicycle Defect		
No Defect	1,057	91.8
Lights	16	1.4
Brakes	58	5.0
Steering	1	0.1
Tires	3	0.3
Motor		
Other	17	1.5
Total	**1,152**	**100.0**
Not Stated	**204**	
Grand Total	**1,356**	

The Environment

	Crashes	Percent
Weather		
Clear	1,057	79.0
Cloudy	203	15.2
Fog	4	0.3
Mist	14	1.0
Rain	57	4.3
Snow	1	0.1
Sleet		
Smoke/Dust		
Other	2	0.1
Total	**1,338**	**100.0**
Not Stated		
Grand Total	**1,338**	

	Crashes	Percent
Light		
Dawn	27	2.0
Daylight	1,050	78.5
Dusk	53	4.0
Darkness (road lighted)	142	10.6
Darkness (road unlighted)	65	4.9
Total	**1,337**	**100.0**
Not Stated	**1**	
Grand Total	**1,338**	

	Crashes	Percent
Traffic Controls		
No Controls	421	31.7
Traffic Signals	201	15.1
Stop Sign	269	20.2
Slow/Warning Sign	10	0.8
Yield Sign	20	1.5
No Passing Zone	50	3.8
R.R. Warning Sign		
R.R. Signals		
R.R. Gate and Signals		
Other	358	26.9
Total	**1,329**	**100.0**
Not Stated	**9**	
Grand Total	**1,338**	

Virginia Crashes Involving **Buses**

In 1987 there were:

- 2 bus occupants killed
- 413 bus occupants injured
- 598 bus crashes
  - 8 fatal crashes
  - 260 personal injury crashes
  - 330 property damage crashes

NOTE: This table includes city transit and intercity buses but excludes school buses.

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control	6	1.0
Improper Passing	3	0.5
Left of Center—Not Passing	3	0.5
Failure to Yield	40	6.9
Inattention	31	5.4
Speed too Fast	11	1.9
Improper Turn	25	4.3
Improper Lane Change	8	1.4
Following too Close	26	4.5
Improper Backing	9	1.6
Illegal or Improper Parking	4	0.7
Lights Not On		
Hit and Run	2	0.3
Avoiding Pedestrian		
Avoiding Other Vehicle	11	1.9
No Violation	362	62.8
Other	35	6.1
Total	**576**	**100.0**
Not Stated	**30**	
Grand Total	**606**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	584	99.2
Drinking-Impaired	3	0.5
Drinking-Not Impaired		
Drinking-Impairment Unknown	2	0.3
Total	**589**	**100.0**
Not Stated	**17**	
Grand Total	**606**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	588	99.8
Physical Defect		
Ill		
Fatigued		
Apparently Asleep	1	0.2
Other		
Total	**589**	**100.0**
Not Stated	**17**	
Grand Total	**606**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15					
15					
16					
17	1			1	100.0
18	2	1		3	66.7
19	1			1	100.0
20	2			2	100.0
21-25	36	15		51	70.6
26-30	47	32		79	59.5
31-35	63	45		108	58.3
36-40	57	30		87	65.5
41-45	61	31		92	66.3
46-50	61	12		73	83.6
51-55	34	6		40	85.0
56-60	29	4		33	87.9
61-65	17	2		19	89.5
66-70	7			7	100.0
Over 70	1			1	100.0
Unknown	1		8	9	
Total	**420**	**178**	**8**	**606**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	289	47.8
Turning Right	44	7.3
Turning Left	47	7.8
Making U-Turn	2	0.3
Slowing-Stopping	32	5.3
Ran Off Road	12	2.0
Stopped in Traffic	113	18.7
Backing	10	1.7
Passing	4	0.7
Changing Lanes	19	3.1
Other	32	5.3
Total	**604**	**100.0**
Not Stated	**2**	
Grand Total	**606**	

	Vehicles	Percent
Vehicle Defect		
No Defect	580	97.2
Lights		
Brakes	10	1.7
Steering	1	0.2
Tires	2	0.3
Motor	1	0.2
Other	3	0.5
Total	**597**	**100.0**
Not Stated	**9**	
Grand Total	**606**	

The Environment

	Crashes	Percent
Weather		
Clear	383	64.0
Cloudy	101	16.9
Fog	1	0.2
Mist	11	1.8
Rain	79	13.2
Snow	17	2.8
Sleet	5	0.8
Smoke/Dust		
Other	1	0.2
Total	**598**	**100.0**
Not Stated		
Grand Total	**598**	

	Crashes	Percent
Light		
Dawn	16	2.7
Daylight	476	79.7
Dusk	15	2.5
Darkness (road lighted)	74	12.4
Darkness (road unlighted)	16	2.7
Total	**597**	**100.0**
Not Stated	**1**	
Grand Total	**598**	

	Crashes	Percent
Traffic Controls		
No Controls	86	14.6
Traffic Signals	133	22.5
Stop Sign	82	13.9
Slow/Warning Sign	4	0.7
Yield Sign	15	2.5
No Passing Zone	14	2.4
R.R. Warning Sign	1	0.2
R.R. Signals	1	0.2
R.R. Gate and Signals	1	0.2
Other	254	43.0
Total	**591**	**100.0**
Not Stated	**7**	
Grand Total	**598**	

Virginia Crashes Involving **Mopeds**

In 1987 there were:

- 3 moped riders killed in moped/motor vehicle crashes
- 328 moped riders injured in moped/motor vehicle crashes
- 415 moped/motor vehicle crashes
  - 4 fatal crashes
  - 312 personal injury crashes
  - 99 property damage crashes

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control	24	6.0
Improper Passing	7	1.8
Left of Center—Not Passing	9	2.3
Failure to Yield	48	12.1
Inattention	56	14.1
Speed too Fast	10	2.5
Improper Turn	15	3.8
Improper Lane Change	2	0.5
Following too Close	18	4.5
Improper Backing	1	0.3
Illegal or Improper Parking		
Lights Not On	7	1.8
Hit and Run	4	1.0
Avoiding Pedestrian		
Avoiding Other Vehicle	5	1.3
No Violation	148	37.3
Other	43	10.8
Total	**397**	**100.0**
Not Stated	**18**	
Grand Total	**415**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	342	88.4
Drinking-Impaired	26	6.7
Drinking-Not Impaired	7	1.8
Drinking-Impairment Unknown	12	3.1
Total	**387**	**100.0**
Not Stated	**28**	
Grand Total	**415**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	375	95.2
Physical Defect	7	1.8
Ill	1	0.3
Fatigued	1	0.3
Apparently Asleep	3	0.8
Other	7	1.8
Total	**394**	**100.0**
Not Stated	**21**	
Grand Total	**415**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 5					
5-9	1			1	100.0
10-14	33	11		44	75.0
15	23	6		29	79.3
16	28	4		32	87.5
17	30	5		35	85.7
18	26	2		28	92.9
19	19	4		23	82.6
20	14	3		17	82.4
21-25	46	11		57	80.7
26-30	28	8		36	77.8
31-35	20	7		27	74.1
36-40	12	4		16	75.0
41-45	10	5		15	66.7
46-50	10	1		11	90.9
51-55	7	3		10	70.0
56-60	4	1		5	80.0
61-65	8	1		9	88.9
66-70	2	1		3	66.7
Over 70	5	2		7	71.4
Unknown	1		9	10	
Total	**327**	**79**	**9**	**415**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	271	65.9
Turning Right	17	4.1
Turning Left	53	12.9
Making U-Turn	5	1.2
Slowing-Stopping	7	1.7
Ran Off Road	19	4.6
Stopped in Traffic	15	3.6
Backing	2	0.5
Passing	6	1.5
Changing Lanes	7	1.7
Other	9	2.2
Total	**411**	**100.0**
Not Stated	**4**	
Grand Total	**415**	

	Vehicles	Percent
Vehicle Defect		
No Defect	375	95.2
Lights	8	2.0
Brakes	3	0.8
Steering		
Tires	1	0.3
Motor	1	0.3
Other	6	1.5
Total	**394**	**100.0**
Not Stated	**21**	
Grand Total	**415**	

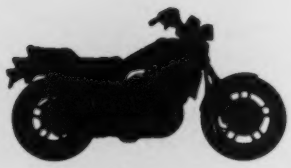
The Environment

	Crashes	Percent
Weather		
Clear	310	75.2
Cloudy	70	17.0
Fog		
Mist	6	1.5
Rain	25	6.1
Snow	1	0.2
Sleet		
Smoke/Dust		
Other		
Total	**412**	**100.0**
Not Stated	**3**	
Grand Total	**415**	

	Crashes	Percent
Light		
Dawn	9	2.2
Daylight	278	67.3
Dusk	24	5.8
Darkness (road lighted)	67	16.2
Darkness (road unlighted)	35	8.5
Total	**413**	**100.0**
Not Stated	**2**	
Grand Total	**415**	

	Crashes	Percent
Traffic Controls		
No Controls	126	30.5
Traffic Signals	51	12.3
Stop Sign	80	19.4
Slow/Warning Sign	1	0.2
Yield Sign	6	1.5
No Passing Zone	20	4.8
R.R. Warning Sign		
R.R. Signals		
R.R. Gate and Signals		
Other	129	31.2
Total	**413**	**100.0**
Not Stated	**2**	
Grand Total	**415**	

Virginia Crashes Involving **Motorcycles**



In 1987 there were:

- 60 motorcycle occupants killed
- 2,084 motorcycle occupants injured
- 2,252 motorcycle crashes
  - 56 fatal crashes
  - 1,912 personal injury crashes
  - 284 property damage crashes
- 72,183 motorcycles were registered in Virginia with 3.1 percent involved in crashes.

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control	39	1.8
Improper Passing	60	2.7
Left of Center—Not Passing	54	2.4
Failure to Yield	86	3.9
Inattention	247	11.2
Speed too Fast	346	15.6
Improper Turn	26	1.2
Improper Lane Change	9	0.4
Following too Close	81	3.7
Improper Backing		
Illegal or Improper Parking	4	0.2
Lights Not On	12	0.5
Hit and Run	22	1.0
Avoiding Pedestrian	7	0.3
Avoiding Other Vehicle	89	4.0
No Violation	812	36.7
Other	317	14.3
Total	**2,211**	**100.0**
Not Stated	**76**	
Grand Total	**2,287**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	1,797	83.2
Drinking-Impaired	179	8.3
Drinking-Not Impaired	49	2.3
Drinking-Impairment Unknown	136	6.3
Total	**2,161**	**100.0**
Not Stated	**126**	
Grand Total	**2,287**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	2,143	98.0
Physical Defect	15	0.7
Ill	3	0.1
Fatigued	4	0.2
Apparently Asleep	3	0.1
Other	18	0.8
Total	**2,186**	**100.0**
Not Stated	**101**	
Grand Total	**2,287**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15	24	4		28	85.7
15	27	1		28	96.4
16	31			31	100.0
17	69	2		71	97.2
18	123	6		129	95.3
19	152	4		156	97.4
20	151	2		153	98.7
21-25	648	21		669	96.9
26-30	392	13		405	96.8
31-35	249	5		254	98.0
36-40	132	5		137	96.4
41-45	67	2		69	97.1
46-50	43	2		45	95.6
51-55	31	1		32	96.9
56-60	18			18	100.0
61-65	17	3		20	85.0
66-70	2			2	100.0
Over 70	9			9	100.0
Unknown	5		26	31	
Total	**2,190**	**71**	**26**	**2,287**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	1,381	60.8
Turning Right	94	4.1
Turning Left	111	4.9
Making U-Turn	10	0.4
Slowing-Stopping	91	4.0
Ran Off Road	355	15.6
Stopped in Traffic	59	2.6
Backing	1	
Passing	66	2.9
Changing Lanes	44	1.9
Other	58	2.6
Total	**2,270**	**100.0**
Not Stated	**17**	
Grand Total	**2,287**	

	Vehicles	Percent
Vehicle Defect		
No Defect	2,081	94.4
Lights	18	0.8
Brakes	16	0.7
Steering	9	0.4
Tires	47	2.1
Motor	10	0.5
Other	23	1.0
Total	**2,204**	**100.0**
Not Stated	**83**	
Grand Total	**2,287**	

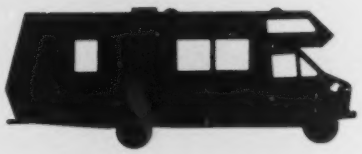
The Environment

	Crashes	Percent
Weather		
Clear	1,735	77.1
Cloudy	366	16.3
Fog	14	0.6
Mist	30	1.3
Rain	95	4.2
Snow	6	0.3
Sleet	3	0.1
Smoke/Dust		
Other	1	
Total	**2,250**	**100.0**
Not Stated	**2**	
Grand Total	**2,252**	

	Crashes	Percent
Light		
Dawn	47	2.1
Daylight	1,348	59.9
Dusk	111	4.9
Darkness (road lighted)	434	19.3
Darkness (road unlighted)	309	13.7
Total	**2,249**	**100.0**
Not Stated	**3**	
Grand Total	**2,252**	

	Crashes	Percent
Traffic Controls		
No Controls	585	26.2
Traffic Signals	277	12.4
Stop Sign	230	10.3
Slow/Warning Sign	38	1.7
Yield Sign	29	1.3
No Passing Zone	202	9.0
R.R. Warning Sign	2	0.1
R.R. Signals	1	
R.R. Gate and Signals	1	
Other	870	38.9
Total	**2,235**	**100.0**
Not Stated	**17**	
Grand Total	**2,252**	

Virginia Crashes Involving
Motorhomes/Recreational Vehicles



In 1987 there were:

- 1 motorhome/recreational vehicle occupant killed
- 29 motorhome/recreational vehicle occupants injured
- 126 motorhomes/recreational vehicle crashes
  - 1 fatal crash
  - 36 personal injury crashes
  - 89 property damage crashes

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control	2	1.6
Improper Passing	2	1.6
Left of Center—Not Passing		
Failure to Yield	10	8.1
Inattention	17	13.7
Speed too Fast	5	4.0
Improper Turn	13	10.5
Improper Lane Change	3	2.4
Following too Close	2	1.6
Improper Backing	1	0.8
Illegal or Improper Parking		
Lights Not On		
Hit and Run	1	0.8
Avoiding Pedestrian		
Avoiding Other Vehicle	2	1.6
No Violation	56	45.2
Other	10	8.1
Total	**124**	**100.0**
Not Stated	**2**	
Grand Total	**126**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	118	98.3
Drinking-Impaired	2	1.7
Drinking-Not Impaired		
Drinking-Impairment Unknown		
Total	**120**	**100.0**
Not Stated	**6**	
Grand Total	**126**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	118	96.7
Physical Defect Ill		
Fatigued	2	1.6
Apparently Asleep	2	1.6
Other		
Total	**122**	**100.0**
Not Stated	**4**	
Grand Total	**126**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15		1		1	
15					
16					
17	1			1	100.0
18					
19					
20	1			1	100.0
21-25	6	4		10	60.0
26-30	6			6	100.0
31-35	5	2		7	71.4
36-40	7			7	100.0
41-45	15	3		18	83.3
46-50	11	4		15	73.3
51-55	8			8	100.0
56-60	11	1		12	91.7
61-65	15	1		16	93.8
66-70	9			9	100.0
Over 70	10	1		11	90.9
Unknown			4	4	
Total	**105**	**17**	**4**	**126**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	64	50.8
Turning Right	11	8.7
Turning Left	11	8.7
Making U-Turn	2	1.6
Slowing-Stopping		
Ran Off Road	9	7.1
Stopped in Traffic	13	10.3
Backing	3	2.4
Passing	3	2.4
Changing Lanes	7	5.6
Other	3	2.4
Total	**126**	**100.0**
Not Stated		
Grand Total	**126**	

	Vehicles	Percent
Vehicle Defect		
No Defect	117	94.4
Lights		
Brakes	1	0.8
Steering		
Tires	1	0.8
Motor	1	0.8
Other	4	3.2
Total	**124**	**100.0**
Not Stated	**2**	
Grand Total	**126**	

The Environment

	Crashes	Percent
Weather		
Clear	78	61.9
Cloudy	21	16.7
Fog	3	2.4
Mist	2	1.6
Rain	17	13.5
Snow	5	4.0
Sleet		
Smoke/Dust		
Other		
Total	**126**	**100.0**
Not Stated		
Grand Total	**126**	

	Crashes	Percent
Light		
Dawn	6	4.8
Daylight	84	66.7
Dusk	4	3.2
Darkness (road lighted)	11	8.7
Darkness (road unlighted)	21	16.7
Total	**126**	**100.0**
Not Stated		
Grand Total	**126**	

	Crashes	Percent
Traffic Controls		
No Controls	23	18.4
Traffic Signals	24	19.2
Stop Sign	9	7.2
Slow/Warning Sign		
Yield Sign	1	0.8
No Passing Zone	8	6.4
R.R. Warning Sign		
R.R. Signals		
R.R. Gate and Signals		
Other	60	48.0
Total	**125**	**100.0**
Not Stated	**1**	
Grand Total	**126**	

Virginia Crashes Involving **Pedestrians**

In 1987 there were:

- 117 pedestrians killed in pedestrian/motor vehicle crashes
- 2,228 pedestrians injured in pedestrian/motor vehicle crashes
- 2,247 pedestrian/motor vehicle crashes
  - 120 fatal crashes
  - 2,127 personal injury crashes

The Pedestrian

	Pedestrians	Percent
Pedestrian Action		
Crossing Against Signal	118	5.2
Crossing Not at Crosswalk	630	27.6
Crossing With Signal	120	5.3
Walking With Traffic	159	7.0
Walking Against Traffic	67	2.9
Came Onto Road Between Parked Cars	178	7.8
Getting On or Off Vehicle	52	2.3
Working on Road	61	2.7
Standing or Lying on Road	156	6.8
Other	741	32.5
Total	**2,282**	**100.0**
Not Stated	**63**	
Grand Total	**2,345**	

Drinking	Pedestrians	Percent
Pedestrian Condition		
Not Impaired	1,669	80.4
Drinking-Impaired	227	10.9
Drinking-Not Impaired	20	1.0
Drinking-Impairment Unknown	159	7.7
Total	**2,075**	**100.0**
Not Stated	**270**	
Grand Total	**2,345**	

Physical	Pedestrians	Percent
Pedestrian Condition		
Not Impaired	1,875	89.8
Physical Defect	69	3.3
Ill	6	0.3
Fatigued	39	1.9
Apparently Asleep	2	0.1
Other	96	4.6
Total	**2,087**	**100.0**
Not Stated	**258**	
Grand Total	**2,345**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 5	80	47		127	63.0
5-9	221	98		319	69.3
10-14	119	97		216	55.1
15	34	20		54	63.0
16	36	28		64	56.3
17	35	10		45	77.8
18	34	25		59	57.6
19	40	19		59	67.8
20	33	15		48	68.8
21-25	195	68		263	74.1
26-30	163	67		230	70.9
31-35	110	43		153	71.9
36-40	90	44		134	67.2
41-45	71	39		110	64.5
46-50	60	29		89	67.4
51-55	48	23		71	67.6
56-60	42	17		59	71.2
61-65	33	25		58	56.9
66-70	21	15		36	58.3
Over 70	58	47		105	55.2
Unknown	27	19		46	
Total	**1,550**	**795**		**2,345**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	1,718	73.0
Turning Right	105	4.5
Turning Left	113	4.8
Making U-Turn	4	0.2
Slowing-Stopping	46	2.0
Ran Off Road	77	3.3
Stopped in Traffic	78	3.3
Backing	69	2.9
Passing	26	1.1
Changing Lanes	28	1.2
Other	90	3.8
Total	**2,354**	**100.0**
Not Stated	**45**	
Grand Total	**2,399**	

NOTE: This format for pedestrians is based on action of the vehicle striking pedestrian.

	Vehicles	Percent
Vehicle Defect		
No Defect	2,081	97.7
Lights	4	0.2
Brakes	12	0.6
Steering		
Tires	4	0.2
Motor	12	0.6
Other	17	0.8
Total	**2,130**	**100.0**
Not Stated	**269**	
Grand Total	**2,399**	

The Environment

	Crashes	Percent
Weather		
Clear	1,605	71.7
Cloudy	399	17.8
Fog	6	0.3
Mist	43	1.9
Rain	163	7.3
Snow	16	0.7
Sleet	3	0.1
Smoke/Dust		
Other	2	0.1
Total	**2,237**	**100.0**
Not Stated	**10**	
Grand Total	**2,247**	

	Crashes	Percent
Light		
Dawn	41	1.8
Daylight	1,300	58.0
Dusk	94	4.2
Darkness (road lighted)	492	22.0
Darkness (road unlighted)	313	14.0
Total	**2,240**	**100.0**
Not Stated	**7**	
Grand Total	**2,247**	

	Crashes	Percent
Traffic Controls		
No Controls	774	35.1
Traffic Signals	334	15.1
Stop Sign	106	4.8
Slow/Warning Sign	19	0.9
Yield Sign	100	4.5
No Passing Zone	7	0.3
R.R. Warning Sign		
R.R. Signals		
R.R. Gate and Signals		
Other	868	39.3
Total	**2,208**	**100.0**
Not Stated	**39**	
Grand Total	**2,247**	

Virginia Crashes Involving
Pickups and Passenger Trucks

In 1987 there were:

- 131 pick-up/passenger truck occupants killed
- 8,283 pick-up/passenger truck occupants injured
- 31,085 pick-up/passenger truck crashes
  - 209 fatal crashes
  - 10,609 personal injury crashes
  - 20,267 property damage crashes

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control	793	2.4
Improper Passing	385	1.2
Left of Center—Not Passing	738	2.3
Failure to Yield	3,084	9.4
Inattention	3,898	11.9
Speed too Fast	2,457	7.5
Improper Turn	570	1.7
Improper Lane Change	232	0.7
Following too Close	1,952	6.0
Improper Backing	297	0.9
Illegal or Improper Parking	73	0.2
Lights Not On	19	0.1
Hit and Run	524	1.6
Avoiding Pedestrian	31	0.1
Avoiding Other Vehicle	851	2.6
No Violation	14,120	43.2
Other	2,695	8.2
Total	**32,719**	**100.0**
Not Stated	**789**	
Grand Total	**33,508**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	29,015	89.4
Drinking-Impaired	1,973	6.1
Drinking-Not Impaired	611	1.9
Drinking-Impairment Unknown	872	2.7
Total	**32,471**	**100.0**
Not Stated	**1,037**	
Grand Total	**33,508**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	31,515	97.0
Physical Defect	203	0.6
Ill	72	0.2
Fatigued	138	0.4
Apparently Asleep	375	1.2
Other	186	0.6
Total	**32,489**	**100.0**
Not Stated	**1,019**	
Grand Total	**33,508**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15	4	8		12	33.3
15	35	7		42	83.3
16	544	132		676	80.5
17	715	161		876	81.6
18	876	161		1,037	84.5
19	1,088	180		1,268	85.8
20	992	179		1,171	84.7
21-25	5,200	946		6,146	84.6
26-30	4,694	769		5,463	85.9
31-35	3,544	541		4,085	86.8
36-40	2,864	395	1	3,260	87.9
41-45	1,965	286		2,251	87.3
46-50	1,546	174		1,720	89.9
51-55	1,267	126		1,393	91.0
56-60	1,091	86		1,177	92.7
61-65	921	69		990	93.0
66-70	569	30		599	95.0
Over 70	688	25		713	96.5
Unknown	32	4	593	629	
Total	**28,635**	**4,279**	**594**	**33,508**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	17,000	51.0
Turning Right	1,034	3.1
Turning Left	3,217	9.6
Making U-Turn	147	0.4
Slowing-Stopping	1,862	5.6
Ran Off Road	3,788	11.4
Stopped in Traffic	3,485	10.5
Backing	447	1.3
Passing	476	1.4
Changing Lanes	773	2.3
Other	1,115	3.3
Total	**33,344**	**100.0**
Not Stated	**164**	
Grand Total	**33,508**	

	Vehicles	Percent
Vehicle Defect		
No Defect	31,775	97.2
Lights	100	0.3
Brakes	231	0.7
Steering	90	0.3
Tires	275	0.8
Motor	58	0.2
Other	151	0.5
Total	**32,680**	**100.0**
Not Stated	**828**	
Grand Total	**33,508**	

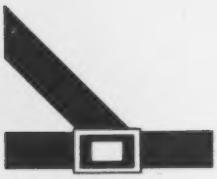
The Environment

	Crashes	Percent
Weather		
Clear	18,973	61.2
Cloudy	5,718	18.4
Fog	231	0.7
Mist	890	2.9
Rain	4,125	13.3
Snow	867	2.8
Sleet	177	0.6
Smoke/Dust	4	
Other	29	0.1
Total	**31,014**	**100.0**
Not Stated	**71**	
Grand Total	**31,085**	

	Crashes	Percent
Light		
Dawn	757	2.4
Daylight	21,066	67.9
Dusk	904	2.9
Darkness (road lighted)	3,528	11.4
Darkness (road unlighted)	4,766	15.4
Total	**31,021**	**100.0**
Not Stated	**64**	
Grand Total	**31,085**	

	Crashes	Percent
Traffic Controls		
No Controls	6,702	21.7
Traffic Signals	4,777	15.5
Stop Sign	3,363	10.9
Slow/Warning Sign	275	0.9
Yield Sign	424	1.4
No Passing Zone	3,094	10.0
R.R. Warning Sign	12	
R.R. Signals	15	
R.R. Gate and Signals	7	
Other	12,231	39.6
Total	**30,900**	**100.0**
Not Stated	**185**	
Grand Total	**31,085**	

Virginia Crashes Involving
Safety Belts/Child Safety Seats



In 1987 there were:

		Restraints								
	No Restraints	Lap Belt	Harness	Lap Belt & Harness	Child Safety Seat	Air Bag	Other	Total	Not Stated	Grand Total
Fatalities	683	16	13	67	4			783	39	822
Percent	87.2	2.0	1.7	8.6	0.5			100.0		
Injuries	46,696	3,995	2,659	16,116	491	8	101	70,066	2,934	73,000
Percent	66.6	5.7	3.8	23.0	0.7		0.1	100.0		
Total	47,379	4,011	2,672	16,183	495	8	101	70,849	2,973	73,822
Percent	66.9	5.7	3.8	22.8	0.7		0.1	100.0		

NOTE: This excludes fatalities and injuries in vehicles not equipped with safety belts, such as motorcycles, mopeds, bicycles and buses.

Fatalities

		Restraints								
	No Restraints	Lap Belt	Harness	Lap Belt & Harness	Child Safety Seat	Air Bag	Other	Total	Not Stated	Grand Total
Age										
Under 1	2	1						3		3
1	2	1			2			5		5
2					2			2		2
3	2							2		2
4	2	1						3		3
5-9	6			1				7		7
10-14	12	1	1					14		14
15	4							4	1	5
16	18	1	1	3				23	1	24
17	22		1	3				26		26
18	28	1	2	1				32	1	33
19	36			4				40	1	41
20	26			2				28	1	29
21-25	120	1	1	10				132	5	137
26-30	74	1		11				86	2	88
31-35	56		1	5				62	2	64
36-40	54	3		3				60	4	64
41-45	33	1		3				37	2	39
46-50	37			1				38	2	40
51-55	21			2				23	2	25
56-60	33	2	1	6				42	6	48
61-65	21		1	4				26	5	31
66-70	21							21	2	23
Over 70	49	2	4	7				62	2	64
Unknown	4			1				5		5

Injuries

		Restraints							
	No Restraints	Lap Belt	Harness	Lap Belt & Harness	Child Safety Seat	Air Bag	Other	Total	Not Stated	Grand Total
Age										
Under 1	91	4	2	7	158		1	263	4	267
1	88	22	2	14	141	2	2	271	3	274
2	140	49	7	22	85			303	4	307
3	162	61	11	46	56		1	337	8	345
4	208	68	6	49	27		1	359	6	365
5-9	1,111	266	34	213	16		1	1,641	35	1,676
10-14	1,369	176	32	201			1	1,779	86	1,865
15	728	70	23	104			2	927	26	953
16	1,967	140	85	508			3	2,703	71	2,774
17	2,293	121	68	513			5	3,000	88	3,088
18	2,251	105	59	497			7	2,919	94	3,013
19	2,213	103	91	551		1	5	2,964	91	3,055
20	1,989	115	83	520			5	2,712	97	2,809
21-25	8,625	529	440	2,720			22	12,336	481	12,817
26-30	5,948	495	369	2,227		1	7	9,047	414	9,461
31-35	4,247	371	305	1,796			16	6,735	314	7,049
36-40	3,176	307	261	1,553			8	5,305	245	5,550
41-45	2,222	211	190	1,101			1	3,725	178	3,903
46-50	1,854	201	164	1,005			2	3,226	166	3,392
51-55	1,018	129	83	539		1	3	1,773	93	1,866
56-60	1,109	114	96	561			1	1,881	91	1,972
61-65	1,033	105	81	474		3	1	1,697	95	1,792
66-70	810	74	60	349				1,293	53	1,346
Over 70	1,334	107	80	430			3	1,954	90	2,044
Unknown	710	52	27	116	8		3	916	101	1,017

Total Fatalities and Injuries

		Restraints							
	No Restraints	Lap Belt	Harness	Lap Belt & Harness	Child Safety Seat	Air Bag	Other	Total	Not Stated	Grand Total
Age										
Under 1	93	5	2	7	158		1	266	4	270
1	90	23	2	14	143	2	2	276	3	279
2	140	49	7	22	87			305	4	309
3	164	61	11	46	56		1	339	8	347
4	210	69	6	49	27		1	362	6	368
5-9	1,117	266	34	214	16		1	1,648	35	1,683
10-14	1,381	177	33	201			1	1,793	86	1,879
15	732	70	23	104			2	931	27	958
16	1,985	141	86	511			3	2,726	72	2,798
17	2,315	121	69	516			5	3,026	88	3,114
18	2,279	106	61	498			7	2,951	95	3,046
19	2,249	103	91	555		1	5	3,004	92	3,096
20	2,015	115	83	522			5	2,740	98	2,838
21-25	8,745	530	441	2,730			22	12,468	486	12,954
26-30	6,022	496	369	2,238		1	7	9,133	416	9,549
31-35	4,303	371	306	1,801			16	6,797	316	7,113
36-40	3,230	310	261	1,556			8	5,365	249	5,614
41-45	2,255	212	190	1,104			1	3,762	180	3,942
46-50	1,891	201	164	1,006			2	3,264	168	3,432
51-55	1,039	129	83	541		1	3	1,796	95	1,891
56-60	1,142	116	97	567			1	1,923	97	2,020
61-65	1,054	105	82	478		3	1	1,723	100	1,823
66-70	831	74	60	349				1,314	55	1,369
Over 70	1,383	109	84	437			3	2,016	92	2,108
Unknown	714	52	27	117	8		3	921	101	1,022

Virginia Crashes Involving **School Buses**

In 1987 there were:

- 0 school bus occupants killed
- 504 school bus occupants injured
- 637 school bus crashes
  - 4 fatal crashes
  - 177 personal injury crashes
  - 456 property damage crashes
- 13,977 school buses were registered in Virginia with 4.6 percent involved in crashes.
- 0 persons were killed getting on or off of school buses.
- 0 persons were injured getting on or off of school buses.

NOTE: The number of registered school buses is not comparable to previous year's data due to changes in counting procedures.

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control	7	1.1
Improper Passing	4	0.6
Left of Center—Not Passing	12	1.9
Failure to Yield	70	11.1
Inattention	47	7.5
Speed too Fast	7	1.1
Improper Turn	28	4.4
Improper Lane Change	3	0.5
Following too Close	16	2.5
Improper Backing	24	3.8
Illegal or Improper Parking	1	0.2
Lights Not On		
Hit and Run	4	0.6
Avoiding Pedestrian		
Avoiding Other Vehicle	12	1.9
No Violation	355	56.3
Other	40	6.3
Total	**630**	**100.0**
Not Stated	**19**	
Grand Total	**649**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	638	99.5
Drinking-Impaired	3	0.5
Drinking-Not Impaired		
Drinking-Impairment Unknown		
Total	**641**	**100.0**
Not Stated	**8**	
Grand Total	**649**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	635	99.2
Physical Defect Ill	2	0.3
Fatigued Apparently Asleep	1	0.2
Other	2	0.3
Total	**640**	**100.0**
Not Stated	**9**	
Grand Total	**649**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15					
15					
16					
17					
18	1	1		2	50.0
19	5			5	100.0
20	1	3		4	25.0
21-25	22	35		57	38.6
26-30	14	73		87	16.1
31-35	12	88		100	12.0
36-40	14	71		85	16.5
41-45	6	61		67	9.0
46-50	13	67		80	16.3
51-55	18	28		46	39.1
56-60	26	35		61	42.6
61-65	20	16		36	55.6
66-70	12	1		13	92.3
Over 70	1			1	100.0
Unknown			5	5	
Total	**165**	**479**	**5**	**649**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	263	40.6
Turning Right	49	7.6
Turning Left	84	13.0
Making U-Turn	3	0.5
Slowing-Stopping	37	5.7
Ran Off Road	14	2.2
Stopped in Traffic	115	17.7
Backing	34	5.2
Passing	5	0.8
Changing Lanes	6	0.9
Other	38	5.9
Total	**648**	**100.0**
Not Stated	**1**	
Grand Total	**649**	

	Vehicles	Percent
Vehicle Defect		
No Defect	626	97.8
Lights		
Brakes	9	1.4
Steering		
Tires	2	0.3
Motor	1	0.2
Other	2	0.3
Total	**640**	**100.0**
Not Stated	**9**	
Grand Total	**649**	

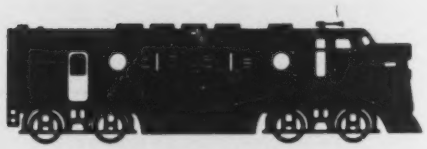
The Environment

	Crashes	Percent
Weather		
Clear	403	63.4
Cloudy	125	19.7
Fog	7	1.1
Mist	17	2.7
Rain	62	9.7
Snow	18	2.8
Sleet	3	0.5
Smoke/Dust	1	0.2
Other		
Total	**636**	**100.0**
Not Stated	**1**	
Grand Total	**637**	

	Crashes	Percent
Light		
Dawn	15	2.4
Daylight	604	95.1
Dusk	3	0.5
Darkness (road lighted)	5	0.8
Darkness (road unlighted)	8	1.3
Total	**635**	**100.0**
Not Stated	**2**	
Grand Total	**637**	

	Crashes	Percent
Traffic Controls		
No Controls	168	26.5
Traffic Signals	85	13.4
Stop Sign	125	19.7
Slow/Warning Sign	8	1.3
Yield Sign	13	2.1
No Passing Zone	45	7.1
R.R. Warning Sign		
R.R. Signals	3	0.5
R.R. Gate and Signals	1	0.2
Other	185	29.2
Total	**633**	**100.0**
Not Stated	**4**	
Grand Total	**637**	

Virginia Crashes Involving **Trains/Vehicles**



In 1987 there were:

- 5 persons killed in train/vehicle crashes
- 48 persons injured in train/vehicle crashes
- 93 train/vehicle crashes
  - 5 fatal crashes
  - 33 personal injury crashes
  - 55 property damage crashes

NOTE: Bicycles, mopeds and pedestrians are included only when a motor vehicle is involved.

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control	7	7.7
Improper Passing		
Left of Center—		
Not Passing		
Failure to Yield	18	19.8
Inattention	20	22.0
Speed too Fast		
Improper Turn	1	1.1
Improper Lane Change		
Following too Close		
Improper Backing		
Illegal or		
Improper Parking	1	1.1
Lights Not On		
Hit and Run	1	1.1
Avoiding Pedestrian		
Avoiding Other Vehicle		
No Violation	12	13.2
Other	31	34.1
Total	**91**	**100.0**
Not Stated	**4**	
Grand Total	**95**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	72	84.7
Drinking-Impaired	7	8.2
Drinking-Not Impaired	3	3.5
Drinking-Impairment		
Unknown	3	3.5
Total	**85**	**100.0**
Not Stated	**10**	
Grand Total	**95**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	83	97.6
Physical Defect		
Ill		
Fatigued	1	1.2
Apparently Asleep		
Other	1	1.2
Total	**85**	**100.0**
Not Stated	**10**	
Grand Total	**95**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15					
15					
16		1		1	
17	3			3	100.0
18	2	1		3	66.7
19	2	1		3	66.7
20	1	1		2	50.0
21-25	6	9		15	40.0
26-30	9	3		12	75.0
31-35	9	5		14	64.3
36-40	10			10	100.0
41-45	1	2		3	33.3
46-50	5	1		6	83.3
51-55	5			5	100.0
56-60	3	1		4	75.0
61-65	1	1		2	50.0
66-70					
Over 70	6	2		8	75.0
Unknown	1		3	4	
Total	**64**	**28**	**3**	**95**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	63	67.7
Turning Right	2	2.2
Turning Left	1	1.1
Making U-Turn		
Slowing-Stopping	2	2.2
Ran Off Road	2	2.2
Stopped in Traffic	8	8.6
Backing	2	2.2
Passing		
Changing Lanes	1	1.1
Other	12	12.9
Total	**93**	**100.0**
Not Stated	**2**	
Grand Total	**95**	

	Vehicles	Percent
Vehicle Defect		
No Defect	83	92.2
Lights		
Brakes	1	1.1
Steering		
Tires	3	3.3
Motor	2	2.2
Other	1	1.1
Total	**90**	**100.0**
Not Stated	**5**	
Grand Total	**95**	

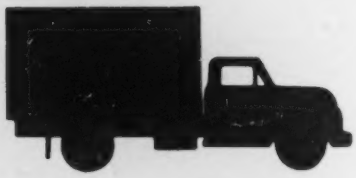
The Environment

	Crashes	Percent
Weather		
Clear	58	63.0
Cloudy	18	19.6
Fog		
Mist	4	4.3
Rain	8	8.7
Snow	3	3.3
Sleet	1	1.1
Smoke/Dust		
Other		
Total	**92**	**100.0**
Not Stated	**1**	
Grand Total	**93**	

	Crashes	Percent
Light		
Dawn	4	4.4
Daylight	41	45.1
Dusk	2	2.2
Darkness (road lighted)	18	19.8
Darkness (road unlighted)	26	28.6
Total	**91**	**100.0**
Not Stated	**2**	
Grand Total	**93**	

	Crashes	Percent
Traffic Controls		
No Controls	1	1.1
Traffic Signals	1	1.1
Stop Sign	3	3.3
Slow/Warning Sign		
Yield Sign		
No Passing Zone		
R.R. Warning Sign	41	45.1
R.R. Signals	29	31.9
R.R. Gate and Signals	15	16.5
Other	1	1.1
Total	**91**	**100.0**
Not Stated	**2**	
Grand Total	**93**	

Virginia Crashes Involving **Straight Trucks**



In 1987 there were:

- 12 straight truck occupants killed
- 1,377 straight truck occupants injured
- 9,110 straight truck crashes
  - 61 fatal crashes
  - 2,936 personal injury crashes
  - 6,113 property damage crashes
- 72 persons were killed in straight truck crashes, 60 (83.3 percent) were not straight truck occupants.

NOTE: This category includes: straight, flat bed, dump and tractor (w/o trailer) trucks and wreckers.

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control	211	2.3
Improper Passing	99	1.1
Left of Center—Not Passing	123	1.3
Failure to Yield	707	7.6
Inattention	1,041	11.2
Speed too Fast	367	3.9
Improper Turn	356	3.8
Improper Lane Change	104	1.1
Following too Close	684	7.3
Improper Backing	314	3.4
Illegal or Improper Parking	34	0.4
Lights Not On	7	0.1
Hit and Run	120	1.3
Avoiding Pedestrian	8	0.1
Avoiding Other Vehicle	294	3.2
No Violation	3,811	40.9
Other	1,048	11.2
Total	**9,328**	**100.0**
Not Stated	**224**	
Grand Total	**9,552**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	8,899	96.5
Drinking-Impaired	191	2.1
Drinking-Not Impaired	71	0.8
Drinking-Impairment Unknown	63	0.7
Total	**9,224**	**100.0**
Not Stated	**328**	
Grand Total	**9,552**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	9,110	98.7
Physical Defect	28	0.3
Ill	10	0.1
Fatigued	14	0.2
Apparently Asleep	39	0.4
Other	32	0.3
Total	**9,233**	**100.0**
Not Stated	**319**	
Grand Total	**9,552**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15					
15	3			3	100.0
16	46	13		59	78.0
17	75	12		87	86.2
18	150	9		159	94.3
19	213	10		223	95.5
20	254	20		274	92.7
21-25	1,824	120		1,944	93.8
26-30	1,632	111		1,743	93.6
31-35	1,257	84		1,341	93.7
36-40	989	53		1,042	94.9
41-45	684	35	1	720	95.1
46-50	537	16		553	97.1
51-55	465	13		478	97.3
56-60	331	10		341	97.1
61-65	204	4		208	98.1
66-70	88	4		92	95.7
Over 70	76	5		81	93.8
Unknown	14		190	204	
Total	**8,842**	**519**	**191**	**9,552**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	4,758	50.1
Turning Right	537	5.7
Turning Left	859	9.0
Making U-Turn	61	0.6
Slowing-Stopping	613	6.5
Ran Off Road	595	6.3
Stopped in Traffic	773	8.1
Backing	414	4.4
Passing	112	1.2
Changing Lanes	375	3.9
Other	404	4.3
Total	**9,501**	**100.0**
Not Stated	**51**	
Grand Total	**9,552**	

	Vehicles	Percent
Vehicle Defect		
No Defect	8,604	92.5
Lights	71	0.8
Brakes	354	3.8
Steering	27	0.3
Tires	97	1.0
Motor	30	0.3
Other	119	1.3
Total	**9,302**	**100.0**
Not Stated	**250**	
Grand Total	**9,552**	

The Environment

	Crashes	Percent
Weather		
Clear	6,014	66.1
Cloudy	1,579	17.4
Fog	45	0.5
Mist	200	2.2
Rain	1,005	11.1
Snow	194	2.1
Sleet	47	0.5
Smoke/Dust		
Other	9	0.1
Total	**9,093**	**100.0**
Not Stated	**17**	
Grand Total	**9,110**	

	Crashes	Percent
Light		
Dawn	198	2.2
Daylight	7,537	82.8
Dusk	157	1.7
Darkness (road lighted)	673	7.4
Darkness (road unlighted)	533	5.9
Total	**9,098**	**100.0**
Not Stated	**12**	
Grand Total	**9,110**	

	Crashes	Percent
Traffic Controls		
No Controls	1,676	18.5
Traffic Signals	1,766	19.5
Stop Sign	892	9.9
Slow/Warning Sign	111	1.2
Yield Sign	130	1.4
No Passing Zone	631	7.0
R.R. Warning Sign	11	0.1
R.R. Signals	7	0.1
R.R. Gate and Signals	5	0.1
Other	3,822	42.2
Total	**9,051**	**100.0**
Not Stated	**59**	
Grand Total	**9,110**	

Virginia Crashes Involving **Tractor-Trailers**

In 1987 there were:

- 12 tractor-trailer occupants killed
- 566 tractor-trailer occupants injured
- 4,314 tractor-trailer crashes
  - 74 fatal crashes
  - 1,438 personal injury crashes
  - 2,802 property damage crashes
- 90 persons were killed in tractor-trailer crashes, 78 (86.6 percent) were not tractor-trailer occupants.

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control	41	0.9
Improper Passing	59	1.3
Left of Center—Not Passing	55	1.2
Failure to Yield	170	3.8
Inattention	646	14.6
Speed too Fast	349	7.9
Improper Turn	242	5.5
Improper Lane Change	304	6.9
Following too Close	212	4.8
Improper Backing	97	2.2
Illegal or Improper Parking	15	0.3
Lights Not On	1	
Hit and Run	79	1.8
Avoiding Pedestrian	2	
Avoiding Other Vehicle	214	4.8
No Violation	1,584	35.8
Other	355	8.0
Total	**4,425**	**100.0**
Not Stated	**58**	
Grand Total	**4,483**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	4,216	98.8
Drinking-Impaired	29	0.7
Drinking-Not Impaired	7	0.2
Drinking-Impairment Unknown	14	0.3
Total	**4,266**	**100.0**
Not Stated	**217**	
Grand Total	**4,483**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	4,169	97.9
Physical Defect	6	0.1
Ill	8	0.2
Fatigued	14	0.3
Apparently Asleep	61	1.4
Other	2	
Total	**4,260**	**100.0**
Not Stated	**223**	
Grand Total	**4,483**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15	2			2	100.0
15					
16					
17	3			3	100.0
18	4	1		5	80.0
19	14			14	100.0
20	29	1		30	96.7
21-25	460	3		463	99.4
26-30	747	7		754	99.1
31-35	707	8		715	98.9
36-40	658	16		674	97.6
41-45	510	10		520	98.1
46-50	450	7		457	98.5
51-55	315	1		316	99.7
56-60	212	1		213	99.5
61-65	107			107	100.0
66-70	18			18	100.0
Over 70	11			11	100.0
Unknown	4	1	176	181	
Total	**4,251**	**56**	**176**	**4,483**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	1,962	44.0
Turning Right	303	6.8
Turning Left	234	5.2
Making U-Turn	27	0.6
Slowing-Stopping	252	5.7
Ran Off Road	491	11.0
Stopped in Traffic	205	4.6
Backing	126	2.8
Passing	123	2.8
Changing Lanes	593	13.3
Other	142	3.2
Total	**4,458**	**100.0**
Not Stated	**25**	
Grand Total	**4,483**	

	Vehicles	Percent
Vehicle Defect		
No Defect	3,988	93.3
Lights	22	0.5
Brakes	123	2.9
Steering	15	0.4
Tires	44	1.0
Motor	10	0.2
Other	72	1.7
Total	**4,274**	**100.0**
Not Stated	**209**	
Grand Total	**4,483**	

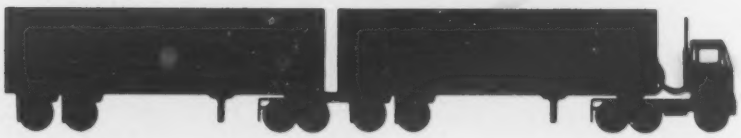
The Environment

	Crashes	Percent
Weather		
Clear	2,727	63.3
Cloudy	821	19.1
Fog	37	0.9
Mist	71	1.6
Rain	411	9.5
Snow	200	4.6
Sleet	35	0.8
Smoke/Dust		
Other	3	0.1
Total	**4,305**	**100.0**
Not Stated	**9**	
Grand Total	**4,314**	

	Crashes	Percent
Light		
Dawn	101	2.3
Daylight	3,106	72.1
Dusk	76	1.8
Darkness (road lighted)	225	5.2
Darkness (road unlighted)	798	18.5
Total	**4,306**	**100.0**
Not Stated	**8**	
Grand Total	**4,314**	

	Crashes	Percent
Traffic Controls		
No Controls	371	8.6
Traffic Signals	449	10.5
Stop Sign	240	5.6
Slow/Warning Sign	66	1.5
Yield Sign	35	0.8
No Passing Zone	324	7.5
R.R. Warning Sign	6	0.1
R.R. Signals	6	0.1
R.R. Gate and Signals		
Other	2,799	65.2
Total	**4,296**	**100.0**
Not Stated	**18**	
Grand Total	**4,314**	

Virginia Crashes Involving
Tractor-Twin Trailers



In 1987 there were:

- 0 tractor-twin-trailer occupants killed
- 16 tractor-twin-trailer occupants injured
- 34 tractor-twin-trailer crashes
  - 0 fatal crashes
  - 15 personal injury crashes
  - 19 property damage crashes
- 0 persons were killed in tractor-twin-trailer crashes.

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control		
Improper Passing		
Left of Center—Not Passing		
Failure to Yield		
Inattention	8	24.2
Speed too Fast	6	18.2
Improper Turn		
Improper Lane Change	1	3.0
Following too Close		
Improper Backing		
Illegal or Improper Parking		
Lights Not On		
Hit and Run		
Avoiding Pedestrian		
Avoiding Other Vehicle	6	18.2
No Violation	10	30.3
Other	2	6.1
Total	**33**	**100.0**
Not Stated	**1**	
Grand Total	**34**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	30	93.8
Drinking-Impaired	2	6.3
Drinking-Not Impaired		
Drinking-Impairment Unknown		
Total	**32**	**100.0**
Not Stated	**2**	
Grand Total	**34**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	32	97.0
Physical Defect		
Ill		
Fatigued		
Apparently Asleep	1	3.0
Other		
Total	**33**	**100.0**
Not Stated	**1**	
Grand Total	**34**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15					
15					
16					
17					
18					
19	1			1	100.0
20					
21-25	2			2	100.0
26-30	2			2	100.0
31-35	5			5	100.0
36-40	6			6	100.0
41-45	7			7	100.0
46-50	4			4	100.0
51-55	1	1		2	50.0
56-60	5			5	100.0
61-65					
66-70					
Over 70					
Unknown					
Total	**33**	**1**		**34**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	15	44.1
Turning Right		
Turning Left		
Making U-Turn		
Slowing-Stopping	1	2.9
Ran Off Road	13	38.2
Stopped in Traffic	1	2.9
Backing		
Passing		
Changing Lanes	4	11.8
Other		
Total	**34**	**100.0**
Not Stated		
Grand Total	**34**	

	Vehicles	Percent
Vehicle Defect		
No Defect	32	94.1
Lights		
Brakes		
Steering		
Tires	1	2.9
Motor		
Other	1	2.9
Total	**34**	**100.0**
Not Stated		
Grand Total	**34**	

The Environment

	Crashes	Percent
Weather		
Clear	12	35.3
Cloudy	11	32.4
Fog	2	5.9
Mist	2	5.9
Rain	1	2.9
Snow	6	17.6
Sleet		
Smoke/Dust		
Other		
Total	**34**	**100.0**
Not Stated		
Grand Total	**34**	

	Crashes	Percent
Light		
Dawn		
Daylight	17	50.0
Dusk		
Darkness (road lighted)	2	5.9
Darkness (road unlighted)	15	44.1
Total	**34**	**100.0**
Not Stated		–
Grand Total	**34**	

	Crashes	Percent
Traffic Controls		
No Controls	2	5.9
Traffic Signals	3	8.8
Stop Sign	1	2.9
Slow/Warning Sign		
Yield Sign		
No Passing Zone	2	5.9
R.R. Warning Sign		
R.R. Signals		
R.R. Gate and Signals		
Other	26	76.5
Total	**34**	**100.0**
Not Stated		
Grand Total	**34**	

Virginia Crashes Involving **Vans**

In 1987 there were:

- 26 van occupants killed
- 2,211 van occupants injured
- 8,627 van crashes
  - 45 fatal crashes
  - 3,038 personal injury crashes
  - 5,544 property damage crashes

The Driver

	Drivers	Percent
Driver Action		
Ran Traffic Control	235	2.7
Improper Passing	67	0.8
Left of Center—Not Passing	109	1.3
Failure to Yield	944	11.0
Inattention	945	11.0
Speed too Fast	353	4.1
Improper Turn	237	2.8
Improper Lane Change	102	1.2
Following too Close	518	6.0
Improper Backing	117	1.4
Illegal or Improper Parking	26	0.3
Lights Not On	2	
Hit and Run	160	1.9
Avoiding Pedestrian	10	0.1
Avoiding Other Vehicle	193	2.2
No Violation	3,954	45.9
Other	645	7.5
Total	**8,617**	**100.0**
Not Stated	**232**	
Grand Total	**8,849**	

Drinking	Drivers	Percent
Driver Condition		
Not Impaired	7,999	93.5
Drinking-Impaired	326	3.8
Drinking-Not Impaired	92	1.1
Drinking-Impairment Unknown	141	1.6
Total	**8,558**	**100.0**
Not Stated	**291**	
Grand Total	**8,849**	

Physical	Drivers	Percent
Driver Condition		
Not Impaired	8,355	97.5
Physical Defect	55	0.6
Ill	11	0.1
Fatigued	34	0.4
Apparently Asleep	66	0.8
Other	48	0.6
Total	**8,569**	**100.0**
Not Stated	**280**	
Grand Total	**8,849**	

	Male	Female	Not Stated	Total	Percent of Males
Age					
Under 15	2	1		3	66.7
15	8	2		10	80.0
16	74	37		111	66.7
17	86	36		122	70.5
18	139	26		165	84.2
19	142	29		171	83.0
20	175	24		199	87.9
21-25	971	168		1,139	85.3
26-30	1,131	272		1,403	80.6
31-35	1,022	408		1,430	71.5
36-40	889	376		1,265	70.3
41-45	638	245		883	72.3
46-50	452	80		532	85.0
51-55	350	51		401	87.3
56-60	290	43		333	87.1
61-65	235	29		264	89.0
66-70	138	13		151	91.4
Over 70	87	11		98	88.8
Unknown	9	3	157	169	
Total	**6,838**	**1,854**	**157**	**8,849**	

The Vehicle

	Vehicles	Percent
Vehicle Action		
Going Straight	4,322	49.0
Turning Right	359	4.1
Turning Left	963	10.9
Making U-Turn	63	0.7
Slowing-Stopping	593	6.7
Ran Off Road	534	6.1
Stopped in Traffic	1,040	11.8
Backing	181	2.1
Passing	114	1.3
Changing Lanes	337	3.8
Other	318	3.6
Total	**8,824**	**100.0**
Not Stated	**25**	
Grand Total	**8,849**	

	Vehicles	Percent
Vehicle Defect		
No Defect	8,361	97.1
Lights	29	0.3
Brakes	73	0.8
Steering	21	0.2
Tires	68	0.8
Motor	15	0.2
Other	47	0.5
Total	**8,614**	**100.0**
Not Stated	**235**	
Grand Total	**8,849**	

The Environment

	Crashes	Percent
Weather		
Clear	5,413	62.9
Cloudy	1,515	17.6
Fog	42	0.5
Mist	220	2.6
Rain	1,175	13.6
Snow	182	2.1
Sleet	51	0.6
Smoke/Dust	1	
Other	10	0.1
Total	**8,609**	**100.0**
Not Stated	**18**	
Grand Total	**8,627**	

	Crashes	Percent
Light		
Dawn	185	2.1
Daylight	6,501	75.5
Dusk	234	2.7
Darkness (road lighted)	941	10.9
Darkness (road unlighted)	752	8.7
Total	**8,613**	**100.0**
Not Stated	**14**	
Grand Total	**8,627**	

	Crashes	Percent
Traffic Controls		
No Controls	1,441	16.8
Traffic Signals	1,677	19.6
Stop Sign	996	11.6
Slow/Warning Sign	72	0.8
Yield Sign	156	1.8
No Passing Zone	492	5.7
R.R. Warning Sign		
R.R. Signals	3	
R.R. Gate and Signals	1	
Other	3,731	43.5
Total	**8,569**	**100.0**
Not Stated	**58**	
Grand Total	**8,627**	